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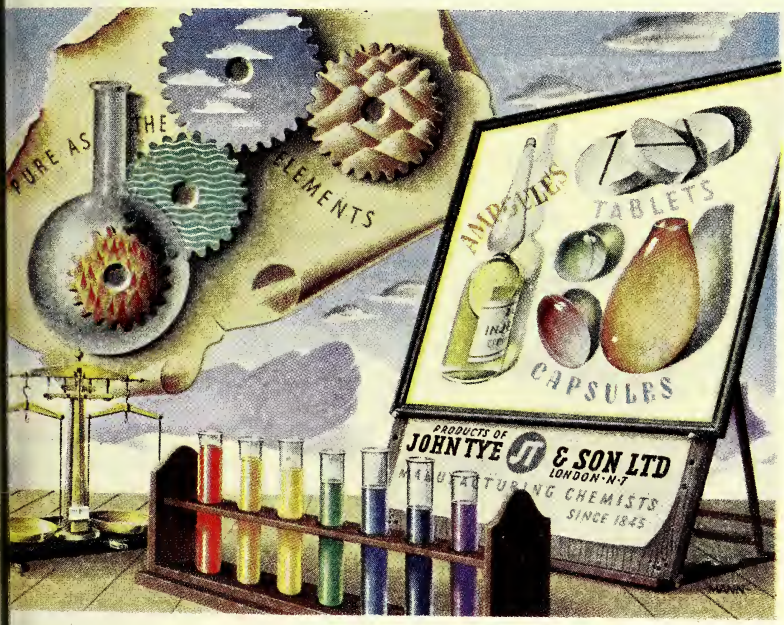
The
HEMIST AND DRUGGIST
RETAILER – WHOLESALER – MANUFACTURER

APRIL 30, 1949



HE products of John Tye & Son have been going out into the markets of the world for well over a century. As capsule specialists they have a widespread reputation.

y TYE'S service extends over a much wider range of pharmaceutical and rinary preparations including fine chemicals, vitamins, etc., bulk or packed. Most dard formulae are available in capsule, ampoule, tablet or pill form.

ialities include iodine ampoules and pencils — crushable glass capsules of Amyl ite, Octyl Nitrite, Trichlorethylene and Chloroform — TYEBRAND capsules of out Oil, Vitaminorum, Ergot Praep, etc., TYESULES LIGHTER FUEL, TYESULUBE RS, ANTYEMOSTIK INSECT REPELLENT and many others.

Send for complete list

JOHN TYE & SON LTD · LONDON, N.7

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For the sickroom, Zoflora can be recommended for the dual purpose of purifying the air and, with its pleasantly refreshing perfume, is conducive to untroubled sleep.

It is also of value in dispelling the odours of cooking, tobacco smoke, etc., in living rooms. Containing a small proportion of D.D.T., it repels flies and its regular use has a cumulative effect in rendering the fabric of soft furnishings moth-proof.

Zoflora

perfumed

DISINFECTANT

is a preparation of antiseptic floral oils and synthetics, to be diluted with water for spraying.

Retail Prices: In bottles, 2/-, 7/- and 13/6.

Also complete spraying outfit (with 2/- bottle) 10/6

Usual Trade Discounts

THORNTON AND ROSS. LTD., · HUDDERSFIELD · ENGLA

It's advertised as a Chemists line!

Elasto

REGISTERED

The Biochemic Tablet

Sales Aids Free On Request!

ELASTO advertising is widespread and consistent. An ever increasing demand for this product is being created at your very door. Are you taking full advantage of this opportunity for new business created in your area by this vigorous campaign? 'Elasto' sales-aids displayed in your window or on your counter will convert the 'prospect' we have created into a customer for you. And remember repeats and recommendations come freely from initial sales of 'Elasto'

ONE SHILLING and SIXPENCE PROFIT ON EVERY SALE!

RETAIL (Including Tax)	R.A.T.A.	*WHOLESALE (Including Tax)*
/6 per bottle (one month's supply)		48/- per dozen
/- five bottles (Including one free)		192/- per dozen

PLEASE NOTE. ***22/- Pack (One Bottle Free) Again Available***

SHOW Elasto — IT SELLS ON SIGHT!

NEW ERA TREATMENT CO. LTD., CECIL HOUSE, HOLBORN VIADUCT, LONDON

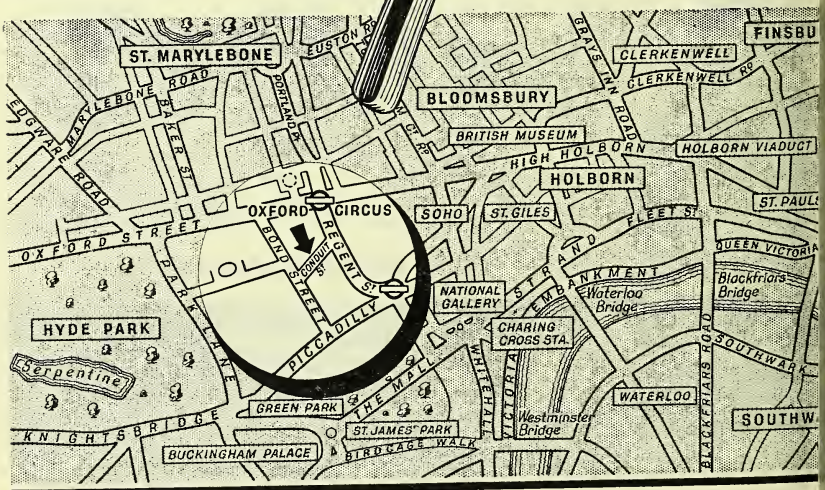
EXHIBITION INVITATION

The Halex Exhibition is open all the year round at 5 Conduit Street. Drop in at any time, to see what Halex are doing in brushware, combs, and toilet-ware, baby sets, table tennis balls and all manner of plastic ware.

Come early and often. We'll be delighted to see you.

HALEX

5 Conduit Street, London, W.1



CROOKES

Lacto-Calamine

What are you going to recommend for sunburn this spring and summer? **Crookes Lacto-Calamine Lotion** merits your support and may be advocated with complete confidence for most skin conditions requiring a mildly antiseptic, gently stimulating and soothing agent.

Bonus Terms

PARCEL "A"
13 to the dozen on orders for 3 dozen.

PARCEL "B"
14 to the dozen on orders for 6 dozen.

The 4 oz. bottle now retails @ 2/3d. (trade discount 33⅓%), **purchase tax extra.***

PATA

* Purchase Tax remains at 6d. per bottle extra, *i.e.* full retail price 2/9d.

THE CROOKES LABORATORIES LIMITED
PARK ROYAL LONDON N.W.10

A New Contraceptive

- The result of biological and clinical research which has been conducted under independent medical supervision.
- Completely spermicidal and remarkably rapid in action.
- Non-irritant, odourless, non-greasy, and free from all insoluble substances.
- Will keep indefinitely and not affected by climatic conditions.
- A product of the Rendell Laboratories.

RENDELL-FOAM

The introduction of Rendell-Foam will provide a new standard of ethical importance in the technique of contraception, and will be widely prescribed when conception control is either necessary or desirable.

SUPPLIES IMMEDIATELY AVAILABLE FROM ALL WHOLESALERS

Quantities of less than 6 dozen tubes	21/- per dozen nett
Quantities of not less than 6 dozen tubes ...	20/- per dozen nett
Quantities of not less than 12 dozen tubes ...	19/- per dozen nett

RETAIL 2/6 PER TUBE. P.A.T.A.
(Exempt from purchase tax)

W. J. RENDELL LTD
161/165 ROSEBERY AVENUE - LONDON - E.C.

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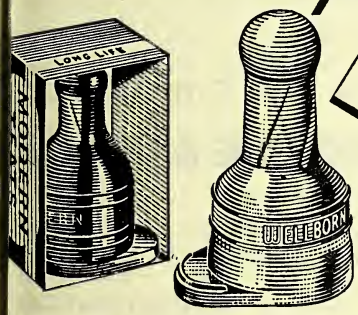
SOME BABIES *prefer* THE LONGER SHANK



The longer shank of the WELLBORN Teat is the outcome of the policy of studying the needs of the modern mother. It was impossible to *improve* on the MODERN Teat but all its refinements incorporated in the WELLBORN Teat together with the extra length of shank, satisfies all those babies who take better to this type of teat. The wide demand for the WELLBORN has fully justified this policy.

The WELLBORN TEAT

eat hygienic transparent pack and retailing at 6d. It fits es of bottles and comes in attractive display outers of teats at 46/- per gross (through your regular wholesaler).

Built to be boiled

BIF 1949

MAY 2-13
OLYMPIA & EARLS COURT
SEE OUR EXHIBIT

A CANNON RUBBER PRODUCT
CANNON RUBBER MANUFACTURERS LTD, LONDON N.17

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SPRING **IS HERE!**

In the Spring a Young Man's Fancy . . . . . .

A Young Mother's Thoughts Will Turn To

SULPHUR TABLETS, BRIMSTONE & TREACLE

SULPHUR TABLETS ... ... 2 oz. cartons **5/-** per dozen
2 oz. cellophane bags **4/-** per dozen (plus P/Tax)

BRIMSTONE AND TREACLE TABLETS ... ... 2 lb. (free tin) **4/6** all. (**2/3** lb.) (plus P/Tax)

SULPHUR & TREACLE ... ... 4 oz. s/c jars **9/-** per dozen (No P/Tax)

PRICES NOT APPLICABLE TO EIRE

These seasonable lines sell on sight. Order without delay and benefit from display.

C. R. HARKER, STAGG & MORGAN LTD

EMMOTT STREET, LONDON, E.I. Phone: STEpney Green 2022

Syrup MINADEX
ETHAMOLIN
FERSOLATE

NOW TAX FREE . . . for dispensing purposes

Here is good news of three Glaxo products

S p **MINADEX** in the 80-oz. dispensing size is now tax-free—a portent of even g ter popularity for this well-known vitamin-mineral tonic. More and more doctors a coming to realise that Minadex is without parallel in the recognised formularies a are prescribing it widely not only for growing children but for debilitated adults, t

AMOLIN—the sclerosing treatment for varicose veins—also becomes tax-free. T applies to all sizes because, of course, the preparation is sold only against n lical prescriptions. And **FERSOLATE,** which has been issued for some time as " b. Ferr. Sulph. Co. N.(W.)F." in dispensing sizes, reverts to its brand name without b g subject to tax. Doctors are being advised to specify Fersolate by name on all l r iron prescriptions ; while to avoid duplication of your stocks, *any* prescription for T . Ferr. Sulph. Co. N.F. can also be met with Fersolate . . . giving you the satisfac- t of supplying the original, well-proven preparation.

Syrup MINADEX
80 oz.
Invoice Price: 17/-

ETHAMOLIN
Invoice Prices: 6 x 2 cc. 3/- net
100 x 2 cc. 37/6 net
15 cc. 2/3 net 30 cc. 3/9 net

FERSOLATE
Invoice Prices :
tins of 1,000 6/- net
tins of 5,000 22/6 net

AXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434

THE DIRECTORS OF

Arthur H. COX & Co. Ltd.

MANUFACTURING CHEMISTS · BRIGHTON, 7

BIF 1949

MAY 2-13
OLYMPIA &
EARLS COURT
SEE OUR EXHIBIT

Welcome all customers — old and new — to
STAND D.5 at OLYMPIA

where an experienced executive will be in
attendance

Bring your problems and let us help you solve
them — over a Century of manufacturing
experience qualifies us to advise you

PILLS · TABLETS · CAPSULES · SOLVELLÆ · PHARMACEUTICALS
SUPPOSITORIES · Packed SPECIALITIES · 'OWN NAME' Formæ

WYREX QUALITY

HAIRBRUSHES
RUBBER CUSHIONED

IN RETAIL
NYLON . . . 7/- INC TAX

RETAIL
WIRE PINS . . . 5/- INC TAX

ROSE PINK
PASTEL BLUE
EAU-DE-NIL GREEN
POST OFFICE RED

INSIST ON **WYREX** AND GIVE YOUR CUSTOMERS
PERSONAL SERVICE . . . . . Each brush bears a direct guarantee

Ask your wholesaler or enquire . . . *Telephone: Amersham 92*

OAKFIELD & CO
WHIELDEN HOUSE, AMERSHAM, BUCKS.

A NEW DISPLAY PACK FOR

beach

UN TAN CREAM

s how you will be able to
BEACH sun tan cream this
er — six tubes in an
tive display carton. A
howcard will shortly
ilable. Order now for
delivery.

S :

E 12/3 doz.

L 2/6 per tube, incl. purchase tax

E BRITISH DRUG HOUSES LTD. LONDON N.1

Bea/T/1

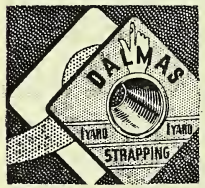
News from DALMAS of Leicester

New *waterproof* protecti n for cuts

A NEW-TYPE ADHESIVE STRAPPING

Waterproof . . . has 101 First-Aid uses

DALMAS STRAPPING, a new *waterproof* plastic adhesive with 101 first-aid and other uses, is now in widespread demand everywhere. Because of this, supplies have been greatly increased.



These spools are handy

Dalmas Strapping can be cut to any size, gives 100% protection against water, dirt, grease and acid. That's why it's specially suitable for tiny cuts, sore places, torn finger nails, etc. In particular, it is ideal wherever the fixing of a bandage would be awkward. Dalmas Strapping stretches *all* ways, so edges stick tight while allowing free movement of joints and muscles. Attractive counter sell-outs contain twelve 1/- spools, each 1 inch by 1 yard, price 8/-, or 24 spools, price 16/-. Also available in 2 inch and 3 inch widths.

DALMAS HEEL DRESSINGS. A new *waterproof* dressing that is specially designed for sore and blistered heels. Handy boxes, price 1/- retail.

DALMAS FINGER-TIP DRESSINGS. A new *waterproof* adhesive protection for cracked, cut or sore finger-tips. Handy boxes, 8/- per dozen, to retail at 1/- each.

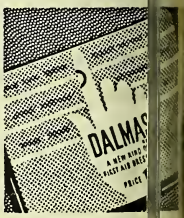
DALMAS BOIL PLASTERS. A new *waterproof* protective dressing for boils. Skin-coloured, hardly shows. Handy boxes, price 10d. retail.

Heavy demand for Dalmas First-Aid Dressings

TO meet the nation-wide demand, w ave further increased supplies of D as, the *waterproof* plastic dressing that rs a totally new method of protecting cu and minor wounds.

Dalmas gives 100% protection inst water, dirt, grease and acid. So yo eed only cover the affected place and . no further trouble! You can actually ash *with it on.*

Dalmas stretches *all* ways (not just one way). That's why edges stick tight, cannot fray, cannot catch in clothes. What's more, Dalmas lessens infection risk, promotes safe and easy healing.



Display this box counter

Dalmas is skin-coloured, hardly s ws. In attractive blue-and-white counte ell-outs, containing three dozen 1/- boxes ice 8/- per dozen. Special quantity disc ts. PLACE YOUR ORDER NOW!

A. de St. Dalmas & Co. L.

LEICESTER (Phone: Leicester 652

***London Depot:* 140-142 St. John St., C.1**
(Clerkenwell 3399)

***Leeds Depot:* 14 Neville Street**
(Leeds 29764)

Scottish Agents:
Robert Telford, 29 Waterloo St., Glasg C.2
(Central 2716)

Hiltone's advertising

..steps out
to step up sales

This year the famous slogan "As light as you like . . . and no lighter" will be seen by millions of women — press advertising will be bigger-than-ever. Country-wide demonstrations will show how Hiltone brings glamour to the hair by brightening and lightening it — yet leaves it so natural-looking. This means bigger sales for you. So stock Hiltone, display it — you'll sell it.

HILTONE

AS LIGHT AS YOU LIKE . . . AND NO LIGHTER

COUNTY PERFUMERY CO. LTD., STANMORE, MIDDLESEX

royes H.T.I

VULFIX

Be prepared for bigger sales!

The Progress Shaving Brush Company has great pleasure in announcing the intensified retail sales campaign for Vulfix Service Shaving Brushes:

1) NATIONAL ADVERTISING CAMPAIGN. Over 30,000,000 press advertisements will appear during the next three months, adequately supported by extensive London Underground displays.

2) GUARANTEE. A two years guarantee is given with every brush. The VULFIX Service Shaving Brush is a quality article and only PURE BRISTLES are used.

3) PRICES TO SUIT EVERY POCKET. We make three popular styles: Service No. 1, Service No. 2 and Service No. 3. Fixed retail selling prices range from only 2/11 each. Here is a best-seller! Stock up now! Contact your wholesaler or write direct:

VULFIX "Service" Shaving BRUSHES

PROGRESS SHAVING BRUSH COMPANY, Mottram Street, Stockport
49 Leadenhall Street, London, E.C.3.

THE BRUSH WITH THE TWO YEARS GUARANT

PREVENTATIVE PROCESSING!

Let us immunise you against all complaints of delay.

The Treatment is:-

℞ D&P x J&B

GRAFTON FILMS

will maintain or improve your quality. Anti-halation backed; 28° Scheer

'20' Sizes £9 18. '127' Size £8 8 per gross PLUS TAX.

JONES & BAILEY LTD.

66/72 BREWERY ROAD, LONDON N.7

Telephone: NORth 2533. Telegrams: Certito, Holway, London.

Richard Daniel & Son LTD

ROPRIETARIES
UNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

★ Good Lines in RUBBER SHEETING

Right qualities of rubber sheeting, both white and red, now available on attractive terms.

DISCOUNT OF FIVE PER CENT ALLOWED ON PURCHASES OF TEN YARDS OR MORE OF ANY ONE QUALITY

PRICES

No. 127 Spec. White	3/- yard	R2 Red	6/- yard
V1 White	4/4 yard	R3 Red	6/3 yard
V2 White	4/10 yard	R4 Red	7/6 yard
V3 White	5/1 yard	JACONET (included in discount)	
V4 White	6/4 yard	36" 2/8 yard 44"	3/1½ yard

LCDONALD & SON LTD HOPE MILLS, POLLARD ST., MANCHESTER 4

Zac Baby Produc s are forging ahea

Mothers are telling each ther about ZAC Baby Produ ts. Nurses are recommending th m. Heavy and continuous ad ert ising is daily making ew customers. Are you mi in profitable sales?

HOUGH, HOSEASON & C LTD
ATLAS LABORATORIES, MAN ESTE

Attractive introductory offer now running. Details gladly on request.

SALICYLATES

Finest Quality

ACID SALICYLIC B.P. - SODIUM SALICYLATE B.P.

Manufactured by THE WARRINGTON CHEMICAL & DRUG CO. LTD.

PADDINGTON WORKS, WARRINGTON

"NORVEX" SANITARY TOWELS

(REGD.)

ALL WOOL, WITH LOOPS—SIZES 0 to 4

A SUPER TOWEL

SOLD BY CHEMISTS ONLY.

Phone: 20954

CROSSKILLS OF NORWICH

MILLAMALT

Malt Extract with added Natural Vitamins

Manufacturers: JEFFREYS, MILLER & CO. LTD (A6500 I.U., D400 I.U. PER FL. OZ.) Mills, Wigan. *London Dept.* 19 Brookside Rd. N

HOME AND EXPORT

Saccharin Tablets available.

TABLETING SERVICE

Available capacity for the compression of Tablets of any size—customers own material preferred but not essential—Contracts arranged. Large quantities are handled hygienically and efficiently in our Factory, well equipped with modern machinery.

DALES ASPIRIN & TABLETING CO., STEETON Nr. Keighley. Phone: Steeton 3222

THIS *intriguing advertisement appears regularly in magazines read by over 5¼ million men and nearly 4¾ million women — who buy for their menfolk!*

Let them SEE that you sell it

Men who know Tars After-Shave Lotion remain convinced users of it — and now millions *more* are going to know of it. For Tars is now being advertised regularly in "Punch" and "Picture Post," with *over 5¼ million men readers*, according to the Hulton Readership Survey, 1948.

Sales started by these advertisements can be completed in your shop. Put your stock of Tars on display; if you are out of stock, order now from Ltd., 154 Dukes Road. Londo

TARS

the **well-advertise** after-shave lotion

RETAILS AT 4/5 AND 6/11, IN

For Women — Scherk Face Lotion *the Complete Facial Treatment. Thr retailing at 5/-, 8/4 and 16/8, in*

POTTER & CLARKE LTD.

The Directors of Potter and Clarke Limited have pleasure in extending t ou a cordial invitation to inspect the firm's display at the British Industries r, Olympia, London, from the 2nd to 13th May, inclusive.

All customers and friends will be warmly welcomed by the firm's r esentatives who will gladly place their services at your disposal.

E . 1949 ARTILLERY LANE, LONDON, E.1

This statement was made in 1939. It is still true. Our output to-day is many times greater than pre-war.

We are now able to offer Aspirgran, Acetyl Salicylic Acid B. P. and also Salicylic Acid B. P., Sodium Salicylate B. P., Methyl Salicylate B. P. and Salicylic Acid (Technical) for regular delivery.

Please address your enquiries to the Sales Department.

Britain's largest producers of

ASPIRIN

Write to Sales Department for Bu tin "Chemicals for the Pharmaceutical Indus ".

MONSANTO CHEMICALS LIMIT D
VICTORIA STATION HOUSE. LONDON. S. .

See these products at our Stand No. D6

HERTS PHARMACEUTICALS LTD., ***Welwyn Garden City, Herts***

Associated Manufacturing Companies :—

SOUTH AFRICA
NIVEA PHARMACEUTICALS (Pty.) LIMITED
127 Anderson Street
IOHANNESBURG

CANADA
NIVEA PHARMACEUTICALS LIMITED
357 College Street
TORONTO

EIRE
HERTS PHARMACEUTICALS (IRELAND) LIMITED
108-109 Railway Street
DUBLIN

C48

The height of Excellence !

B.I.F.

CARNEGIES *of* WELWYN
extend a cordial
WELCOME
to all visitors interested in
FINE PHARMACEUTICAL
CHEMICALS
at their Stand B.56
OLYMPIA
British Industries Fair
LONDON, MAY 2—13, 1949

ADRENALINE
ALOIN
ALUMINIUM
HYDROXIDE Colloidal
AMINOPHYLLINE
ATROPINE and SALTS
BARBITONE SOLUBLE
BISMUTH SALTS
BROMISOVALERYLUREA
CAFFEINE SALTS
CALCIFEROL
CHLORAL HYDRATE
CHOLESTEROL pure
and semi-refined
CHRYSAROBIN
CITRATES
CYCLOBARBITONE
EPHEDRINE and SALTS
ESERINE and SALTS
HEXOBARBITONE
IODIDES
LITHIUM SALTS
PHENAZONE CAFFEINE
CITRATE
PHENAZONE
SALICYLATE
PODOPHYLLIN RESIN
SALICYLATES
SANTONIN
STILBOESTROL
STRYCHNINE and SALTS
SULPHAGUANIDINE
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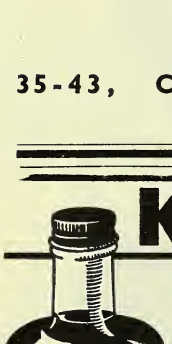

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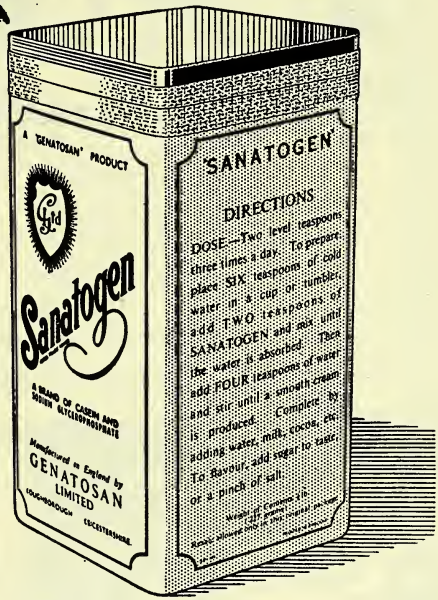

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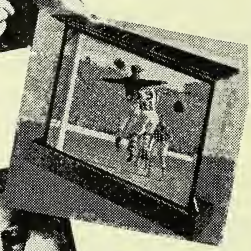

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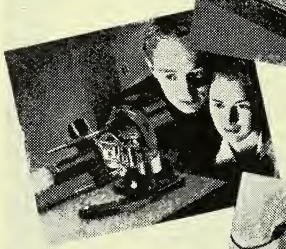

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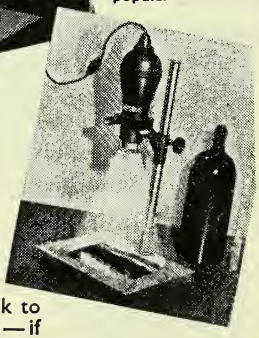

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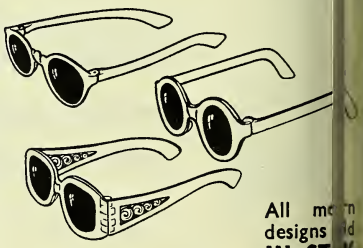

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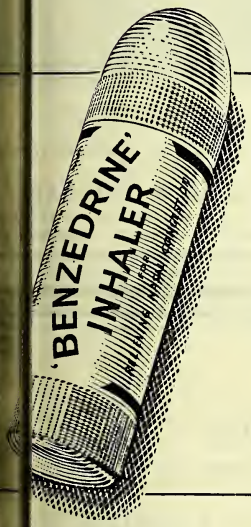

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ANUSOL 100 SUPPOSITORIES	20/- ,,	200/- ,,
GELUSIL 500 TABLETS	20/- ,,	200/- ,,
VEGANIN 100 TABLETS	7/6 ,,	75/- ,,
VEGANIN 500 TABLETS	32/6 ,,	325/- ,,
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'Lustrset' insures easy, lasting setting after shampoo, rinse or 'perm'—prevents dryness or dandruff and leaves hair firm and glossy.

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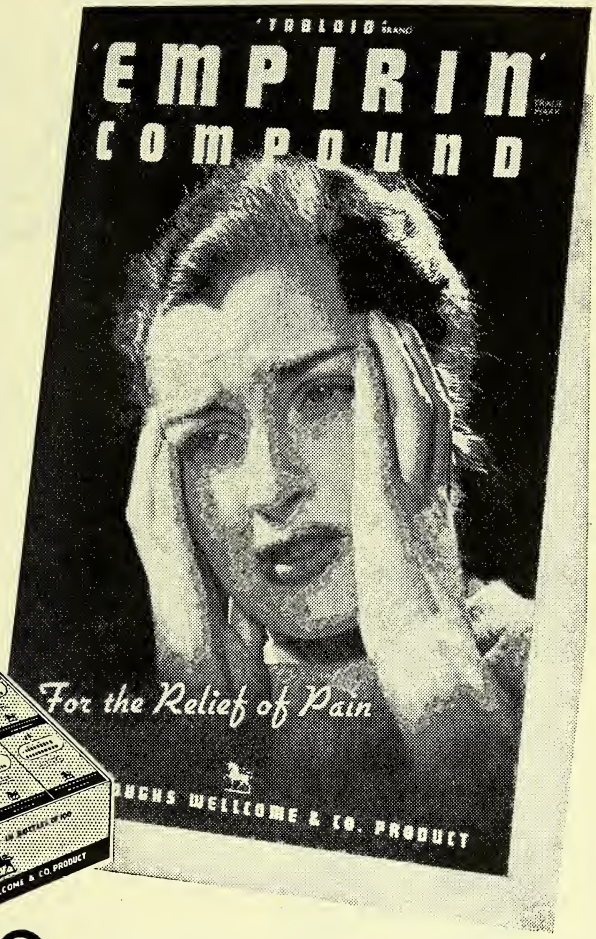

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Carbachol

Powerful parasympathetic stimulant.

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Tablets

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Wide range of products for injection.

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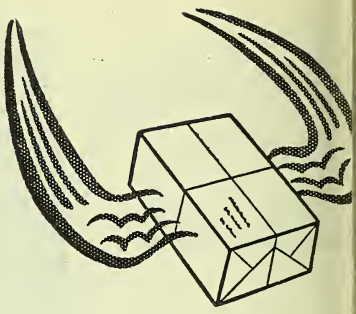

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for RETAILER—WHOLESALER—MANUFACTURER

APRIL 30, 1949

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NEWS OF THE WEEK

ckness Statistics.—The Ministry of nal Insurance is analysing informa- obtained from the final medical certi- s of insured persons to show the num- of persons receiving sickness or indus- injuries benefits by category (e.g., sex, roup, industry and occupation, etc.).

otographic Masking Frames.—The nissioners of Customs and Excise have ed, after consultation with the British ographic Manufacturers' Association, photographic enlarger masking frames asels, irrespective of size, are to be eable with purchase tax at the rate $6\frac{2}{3}$ per cent. of the wholesale value r Group 24 (a) (i) of the Tax Sche-

sits to Malta.—The Governor of a has announced that business visitors the United Kingdom may enter Malta eriods not exceeding two months pro- l that they hold a valid British pass- and produce, on arrival, a letter from amber of commerce in the United dom sponsoring their visit.

Hairdressers and Registration Bill.—The annual conference of the National Hairdressers' Federation decided at Clacton recently to ask the Home Secretary to support the Hairdressers' (Registration) Bill (see *C. & D.*, February 12, p. 209). The secretary of the Federation said that although the home market was flooded with home permanent wave outfits, there was no evidence that women had been in a hurry to buy them. He advised members to continue to offer good service

Vitamin B_{12} from Micro-organisms?—Four pernicious anæmia patients have been treated by Dr. D. L. Mollin ("Lancet," April 23, p. 708) with a substance isolated (by workers at Glaxo Laboratories, Ltd.) from strains of streptomyces, and "apparently identical" chemically with vitamin B_{12}. Responses appeared to be identical with those produced by liver extracts in equivalent doses (based on microbiological assay). A patient with severe neurological complications showed good improvement after six weeks' treatment.

E

Estimation of Penicillin.—The use of chromatography in penicillin assays and production was discussed at a meeting of the Society of Public Analysts and other Analytical Chemists in London recently. Messrs. P. B. Baker, M.P.S., F. Dobson, and A. J. P. Martin, M.A., Ph.D., described a technique for paper chromatography (using volatile solvents) for adoption particularly in estimating penicillin in mixtures. Mr. J. W. Albans, B.Sc., discussed the application of the technique to culture filtrates and similar process samples, and its use for examining fermentation variables such as the composition of the medium, aeration, the use of precursors, and the fermentation time. Modifications to a previously described method of estimating benzyl penicillin by precipitation with N-ethylpiperidine were described by Mr. C. R. Bond, M.Sc. (chairman, analysts' subcommittee, Ministry of Health Conference on the Differential Assay of Penicillin).

Scottish Executive Meeting. — At a meeting of the Executive of the Scottish Department of the Pharmaceutical Society held in Edinburgh on April 13, Mr. C. G. Drummond in the chair, it was reported that approval had been received for the adoption of the method of election to the Executive proposed in a report forwarded to the Society's Council in March 1948. Under the new method the Executive is to consist of eighteen elected members, with the president and vice-president of the Society, and any member or members of Council resident in Scotland *ex-officio*. Of the eighteen elected members, six are to retire annually and may, if they so desire, offer themselves for re-election. The resident secretary stated that reports on local branch organisation received from various areas would be considered at a meeting of branch secretaries to be held on May 10. It was left to the resident secretary to prepare a report on any extra accommodation that he might think necessary in view of the proposed alteration in the Society's examinations. The following subjects for discussion at the Branch Representatives' meeting to be held in Edinburgh were agreed: (a) The problem of the unqualified dispenser in pharmacy; (b) the man-power position. Mr. A. A. Meldrum agreed to open the discussion. It was reported that the most important National Health Service problem at present was that of working out an abridged method of payment for prescriptions to replace payment in full.

LOCAL NEWS

New Factory Opened.—A new tory for Scott & Turner, Ltd., at Fawd nr. Newcastle-on-Tyne, was opened by A. Blenkinsop, M.P., (Parliamentary Se ta to the Ministry of Health) on Ap 25 It was stated that 27 per cent. the company's present output was bei ex- ported.

Edinburgh Chemists' Golf.—The din burgh Chemists' Golf Club held co eti tions at Mortonhall on April 20 The winners were:—*Thornton Ross pri* Mr J. B. Grosset, 60. *Club prizes,* No. 1 s ion, Mr. J. B. McCaig, 64, Mr. M. S. son, 68; No. 2 section, Mr. W. A. Mack 72, Mr. J. Barron, 74. Mr. J. B. McCa had the best scratch score (70).

Dundee Officers.—The following cers were elected or re-elected at the nual meeting of the Dundee and Eas and Central Scottish Branch of the P ma- ceutical Society on April 14:—*Cha an,* Mr G. Mitchell; *Vice-chairman,* M E. M. Jenkins; *Joint Secretaries,* Miss iza- beth Fyfe and Mr. C. W. MacF ane Messrs. H. A. Perkin and C. W. MacF ane were appointed to attend the nch Representatives' meeting in Lond in May, and Miss S. Hunter and Mr. W MacFarlane to attend the meeti in Blackpool in September.

Coventry N.H.S. Statistics. — was reported to a recent meeting of the ven- try Executive Council that betwee July 5, 1948, and February 28, 1949, 6 042 National Health Service prescriptio had been issued. The total cost to Ma 15 was £88,266. From July 5 to Decem 31, 1948, 455,033 prescriptions, ing £58,801, were dispensed (average c per prescription, excluding containers, 2 d.). Eighty-four contractors were sup ing medicines and seven supplying appl ces. No complaints had been received ab the pharmaceutical service.

Fourth Schedule Scripts in Jerse At the annual meeting of the Jersey Bra of the Pharmaceutical Society recently was agreed that prescriptions for rth Schedule poisons would be dispense only if signed or countersigned by a doct esi- dent on the island. Members were eed that, after its first year in operat in Jersey, the Chemists' Federation s me was beginning to fulfil all expect ons. The following officers were re-elect ;— *President,* Mr. P. Le Quesne; *Cha an,* Mr. R. C. L. Gould; *Vice-chairma* Mr.

Le Quesne; *Secretary,* Mr. Philippe estier, Charing Cross, Jersey.

don Officers.—At the annual meet- the Hendon and Edgware Pharma- l Association and Branch of the aceutical Society on April 25, the ng officers were elected:—*President,* Association and *Chairman* of the , Mr. H. Wright; *Vice-president ice-chairman,* Mr. G. R. A. Short; *ary vice-chairman* of the Association, E. Wallis; *Secretary* (Association anch), Mr. S. Beaton, 17 Parkside Edgware, Middlesex; *Treasurer,* I. Cooper. After the election of , Mr. T. Reid (a member of the l of the Pharmaceutical Society) "Progress Report."

tbourne Lecture on B.P.—Dr. C. H. hire (secretary, British Pharma- Commission) lectured on the B.P., at a meeting of the Eastbourne of the Pharmaceutical Society on 6. The new B.P., he said, was not- or stricter control over purity and y, and for its recognition of the in- g use of tablets and injections. ring questions, Dr. Hampshire said ds for establishing definite densities wders were being investigated. He d out that there was in Great Britain dy with power to certify the purity, y, etc., of manufacturers' products. nly control was by inspection under ods and Drugs Act.

nerset Newsletter.—The second Som- Pharmaceutical Newsletter, which has ssued recently, consists of four fools- ages. It includes reports of meetings, peal for the Pharmaceutical Society's olent Fund (with an offer of tobacco to be sold for the fund), and many of local pharmaceutical news. The lance at a recent meeting held at on is analysed to show the distances led by members (two came forty-five from Frome). Preparations asked for merset pharmacies, listed in a feature ed "New Remedies," include "Bengal e powder, stated to be used by er after dinner" (Benger's junket er supplied), "Phillistine" tablets, Incarnation" corn caps. The editors e Newsletter are Messrs. H. S. Lovell J. S. Clarke, 38 St. James Street, on-super-Mare.

linburgh Annual Meeting.—The fol- g officers were elected or re-elected e annual meeting of the Edinburgh South-eastern Scottish Branch of the Pharmaceutical Society on April 13:—*Chairman,* Mr. J. C. Somerville; *Vice-chairman,* Mr. George Hedderwick; *Secretary* and *Treasurer,* Mr. Eric Knott. Mr. Somerville paid a tribute to the work done for the branch during the last thirteen years by Mr. C. G. Drummond. Mr. C. W. Macfarlane, Dundee, thought that the number of branches in Scotland should be increased and close co-operation maintained between them. Pharmacists in outlying areas at present had difficulty in attending meetings of the five existing branches, each of which was based on a large town. He suggested that younger members should be encouraged by being allowed representation on branch committees.

Dr. Davis on the N.F., 1949. — Dr. H. Davis (chief pharmacist, Ministry of Health) spoke on "The National Formulary, 1949," at a meeting of the Leeds Branch of the Pharmaceutical Society recently, Mr. F. A. Jones presiding. Dr. Davis said he thought both the medical and pharmaceutical professions would be satisfied when the National Formulary came into use on May 1; it should cater for about 90 per cent. of prescribers' requirements. Most of the drugs, except glycerin, that had been scarce when the National (War) Formularies were compiled, were now freely available again. Titles in the new formulary were in Latin, although the Americans had had the courage to adopt English titles for most preparations. Dr. Davis then commented on some of the new or changed items. Applicatio detergens, he said, was intended for the removal of fatty ointment from the patient's skin. Capsuli vitaminorum A et D had been reformulated. Dr. Davis went on to emphasise the need for aseptic precautions and the use of liquor pro guttis in the preparation of eye-drops, pointing out that an injured eye had not the same resistance to infection as a healthy eye. Cremor aminocrinae (obstetric cream) was not a general disinfectant cream but might be effective against hæmolytic staphylococci, hæmolytic streptococci and *Pseudomonas pyocyanea.* Linctus diamorphinae had been discontinued as a matter of policy; in order to assist chemists and doctors after May 1, it was intended to arrange an interpretation of prescriptions for linctus diamorphinæ N.[W.]F. to allow the chemist to supply the new B.P.C. linctus. Pigmentum arseni et ipecacuanhae had been included at the request of the dental profession

OVERSEAS NEWS

Vitamin C from Walnut.—The leaves stripped from trees in recently discovered walnut forests in South Kirghiz, U.S.S.R., are being used for vitamin C production.

Sales of Toilets in U.S. — The U.S. Toilet Goods Association has estimated that total sales at retail prices of perfumes, cosmetics and other toilet goods, excluding soap, in 1948, reached $687.6 millions against $682.1 millions in 1947.

German-Chilean Trade Agreement.—Under a trade agreement recently signed in Frankfurt between Chile and the three western zones of Germany, Chile will supply magnesium dioxide, manganese, sulphur, selenium, iodine, tartaric acid, honey, etc. Included in the goods the trizone will send to Chile are pharmaceutical products, chemicals and dyestuffs, and optical instruments.

Italian Pharmaceutical Imports. — A total of about 300,000 million units of penicillin was imported by Italy under the European Recovery programme between June 1948 and January 1949. During the same period imports of streptomycin amounted to 397,998 gm.; insulin to 153,000 phials, and blood plasma to 1,660 500-c.c. flasks. Italian needs of liver extracts are now almost covered by domestic production, but 205,000 10-c.c. ampoules arrived in Italy between June and December 1948.

E.C.A. Funds for Streptomycin.—The Marshall Plan has paid for streptomycin valued at about $9,000,000 for the treatment of tuberculosis in Europe, the Economic Co-operation Administration reported on April 18. E.C.A. dollars were also financing the provision of American equipment, valued at more than $5,000,000, to reconstruct two French plants to produce the drug. In the first year of E.C.A., streptomycin, valued at about $6,000,000, was shipped to France. Italy received consignments of this drug valued at $2,000,000.

IRISH NEWS

Students' Dance in Dublin.—Th irst of a series of dances organised by the un- cil of the Irish Pharmaceutical Stu nts' Association was held recently in D lin. Spot prizes were donated by Messrs. C. Cahill & Co., Ltd., Johnson Bros., C stal Products (Ireland), Ltd., Hayes, Co ng- ham & Robinson, Ltd., M. J. Bay & Co., Ltd., and St. Dalmas (Ireland) td., and by Messrs. John O'Reilly and R. Allshire.

Irish Chemists' Golf.—The Irish he- mists' Golfing Society held its first ing of the season at Baltray, co. Lout on April 10, under its new captain Mr Joseph Smyth). Trophies were pre ted by St. Dalmas (Ireland), Ltd., Coty td., and Allen & Hanburys, Ltd. In a nir ole foursome the winners were Messrs. P. ellv and S. J. Savage (36¼), and the ru ers- up Messrs. J. Mason and P. J. M gan (36¾). In an 18-holes strokes conte the winner was Mr. T. R. Bourke (16 70) and the runner-up Mr. J. Draffin (8 75 Those present at a supper held aft the outing included Messrs. J. J. Roche esi- dent, Irish Drug Association), A W. Hughes (St. Dalmas (Ireland), Ltd.), K. Whelehan, P. D. Larkin, J. G. Co nan (registrar, Pharmaceutical Society o Ire- land), B. R. Smith (secretary, I.D.A and E. McArdle (captain of the Baltray ub). The Society's next outing is to be t Dun Laoghaire on May 3 for prizes pre ted by Proprietaries (Eire), Ltd. The big three" annual tournament of the rish Chemists' Golfing Society has een arranged to take place at Lahinc co. Clare, at the end of May.

NORTHERN IRELAND DINNER-DANCE.—*Group photographed during the dance of the Pharmaceutical Society of Northern Ireland in Belfast (see C. & D., April 9, p. 452). Included are Mr. Henry H. (president of the Society), Mr. P. A. Brady (president, Pharmaceutica of Ireland) (wearing office), and Mr. J. man (registrar, Pharm Society of Ireland).*

TOPICAL REFLECTIONS

hop Fronts and Fittings

y I endorse the plea of "S.Thete" 9) for the preservation of old phar- showing noteworthy merit in archi- , craftsmanship or both? When tion—or, indeed, any considerable ion—has to be undertaken, it should ried out with due care. More than n my lifetime I have seen with keen the disappearance of some landmark among business property. It happens y reading has lately included Mr. S. l's book on British architects and nen. Though showing one provin- harmacy among his numerous illus- s, he reserves his highest praise in ass for a frontage in Artillery Lane, n, E.1, belonging, I gather, to a 's shop. When the technical points ch buildings are under discussion, ects are often found to disagree. On oad issue of character, setting and lity for purpose, however, even an er can appreciate where distinction is s. Nor is this merely a matter of ent. A shop front of dignified ter is an asset to a pharmacy, for the carried on there is professional as s commercial. Any transformation of ge to a catchpenny appearance is ontrary to the natural order of com- l life.

tingham Celebration

tingham pharmacists have been asked ke their shops "bright and gay" for lebration of the city's quincentenary, n June (p. 515), and the response will ubt be adequate to the occasion. As st charter of the town (as it then was) dates from 1153, it may be that a r commemoration will be organised years hence. Nottingham, by reason numerous attractions, is worthy of al notice on an occasion of this kind. s often been the scene of important s in English history, and in recent has proved to be a conveniently l centre for industry. Lace-making chemical manufacture are activities y known in connection with the bourhood, as also are the benefactions r Jesse Boot, the first Lord Trent. llustrated article in your Annual al Issue of June 24, 1922 gave a con- ummary of the history of this famous nds city. The British Pharmaceutical erence has met there three times—in 1866, 1893 and 1922. By a coincidence, the president of each Conference (Bentley, Corder, H. G. Greenish) was distinguished in botany or pharmacognosy. The Nottingham Pharmaceutical Association was founded (under a different name) in 1869, and, like various other chemists' societies of the period, formed a museum and organised scientific lectures for assistants. Your account of this association in the article referred to stated that it had "continually been in the fortunate position of having a balance in hand": I trust that this position has been maintained.

Starkey's Pill

Rival owners of proprietary pills figured in your Annual Special Issue of June 25, 1927, where it was mentioned that in or about 1664 George Starkey wrote two pamphlets praising his own remedy and decrying those of Lockyer and Mathews. Both puffs were worded in the vituperative style customary at that period. Starkey, who was M.A. of Harvard, came back to England shortly before 1650; he died in 1665. He called himself "M.D. and Philosopher by the Fire." Not content with his efforts in the pamphlets alluded to, he issued, in 1664, a more extensive condemnation. Its title reads: "A Brief Examination and Censure of Several Medicines, of late years Extol'd for Universal remedies, and Arcana's of the highest preparation; Being Indeed some of them trivial toyes, . . . others dangerous virulent venoms . . . Namely, *Lockyers* pill, *Hughes* pouder, *Constantines* Spirit of Salt, with several other of that kind, by which the Art of Pyrotechny is in danger of being brought into Reproach and Contempt . . ." Starkey begins by referring to the fame of his own medicines—assured before 1655, he states, "without Bills [i.e., prescriptions] or Books." He rails against Mathews, who, he alleges, obtained his formula from him, Starkey: he wishes to dissociate himself from makers of such "imperfect" remedies. Then comes the turn of Lockyer; the criticism of his pill occupies about thirteen pages. Hughes and Constantine are more briefly treated, their demerits being apparently less important than a comparison of mercury with antimony. Near the end of this manifesto, the author promises further information, including "Pyrotechny Triumphing, which is a large Volume." A book with a similar title appeared in 1653 and 1696.

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NEW COMPANIES

GORDON-MOORE (SALES), LTD. (P.C.).—Capital £1,000. Particulars similar to Gordon-Moore (Export), Ltd. (see below).

PARKES CHEMISTS, LTD. (P.C.).—Capital £100. To carry on the business of chemists and druggists, etc. Other particulars are similar to Martyns Stores, Ltd. (see below).

MALCOLM LYNN, LTD. (P.C.).—Capital £2,000. To carry on the business of consulting, manufacturing, pharmaceutical and general chemists, etc. Nellie P. Lynn, Penygraig Road, Swansea, director.

KING & PHIPPS, LTD. (P.C.).—Capital £2,000. To acquire the business of chemists now carried on at Earls Hall Parade, Southend. Doris M. King, Henry D. Phipps, Henry J. King and Patricia E. Phipps, directors.

CLARGES DISTRIBUTORS, LTD. (P.C.). — Capital £1,000. To carry on the business of chemists, druggists, etc. First directors are to be appointed. Solicitors: Stanley Jarrett & Co., 17 Shaftesbury Avenue, London, W.1.

MARTYNS STORES, LTD. (P.C.).—Capital £100. To carry on the business of chemists and druggists, analytical and manufacturing chemists, etc. Directors are to be appointed. Solicitor: W. S. Gibson, 1328 High Road, London, N.20.

PHIPPS, THOMAS & CO., LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Percy Phipps, M.P.S., and Hubert A. C. Thomas, M.P.S., directors. R.O.: Kings Well, Boreham Street, nr. Hailsham, Sussex.

GORDON-MOORE (EXPORT), LTD. (P.C.).—Capital £1,000. To carry on the business of buyers and sellers of tooth-paste and other preparations for the teeth, toilet requisites and preparations, etc. Robert L. Pulton, director. R.O.: Aldwych House, London, W.C.2.

Company News

DRUG HOUSES OF AUSTRALIA, LTD.—Mr. P. A. Berry has been appointed a director in place of Mr. W. Russell Grimwade, who has resigned. Mr. Berry is a works directo· of Felton, Grimwade & Duerdins Pty., Ltd.

F. W. BERK & CO., LTD.—The list of applications opened and closed on April 28 for an offer for sale of 200,000 4½ per cent. cumulative preference shares of £1 each at 21s. per share, and 240,000 ordinary shares of 2s. 6d. at 15s. 3d. per share.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—A final dividend is recommended on the ordinary stock of 7 per cent., making 10 per cent. for 1948, as in the previous twelve months. Net profit, after taxation and £3,500,000 (£3,000,000 in 1947) for central obsolescence and depreciation, amounts to £10,850,414, against £7,646,933 in 1947; £3,250,175 is brought in, making £14,100,585. Of this total, a further special provision of £3,000,000 is made for central obsolescence and depreciation as in 1947; £2,000,000 (nil) is placed to capital reserve and £1,000,000 (the same) goes to revenue reserve, leaving a balance of £4,009,435 to carry forward.

LEGAL REPORTS

Pharmacy Act Fines. — When Sulkin, Bradmore Lane, Hammer was prosecuted at West London court recently for selling Veganin not labelled in the prescribed manne though not an authorised seller of p the magistrate asked: "Are these r tions for the protection of the pul are they for the protection of chem Mr. A. C. Castle, prosecuting on of the Pharmaceutical Society, replie by law the Society was charged wi ing that those poisons were not s unqualified people. "It is definitely interests and for the protection public." Sulkin was fined a total and ordered to pay £2 2s. costs.— same court, Jack Kramer, Hamme Road, W., was ordered to pay simila and costs on identical summonse Mrs. Florence Williams, Golborne North Kensington, was fined 40s. f lawfully selling poison by retail. A (labelling) summons against her w missed under the Probation of Of Act. Pleas of guilty were entered.

Interim Injunction.—In the Ch Division, London, on April 26, an injunction restraining Mr. Philip M trading as "Phill's," Mitcham Streatham, from infringing the trac Brylcreem embossed on bottles or on labels, was granted to the Coun fumery Co., Ltd., Honeypot Lane, more, Middlesex. For the plaintiffs stated that a member of the publ complained to the plaintiffs, after a bottle of what she thought wa creem at Mitchell's shop. The c were analysed and found not to be plaintiffs' manufacture. Test pu were made, and the fluid in the which were identical to plaintiffs', Brylcreem. The judge asked what evidence of "get-up" and was to the fluid was supplied in the con bottles with the company's name s upon them. It appeared that somebo used the bottles and refilled ther other fluid. Mr. Mitchell, who w legally represented, said he wished fend the action. He declared tha he had been selling was genuine Mr. Justice Harman, granting the tion, said the motion would come u on May 6. In the meantime, Mr. M should consider his position. "If yo to defend this case you will be well to get legal advice," added the jud

MARRIAGES

VELLS—MAXWELL. — At Juniper Midlothian, on April 16, Trevor n Howells, M.P.S., 5 Working Cardiff, to Davina Newton Max- .R.N., Juniper Green.

DBURN—ANDERSON. — At Newton- Inverness, on April 2, Thomas son Woodburn, M.P.S., Ralia, New- e, to Isobel Smart Anderson, New- e.

DEATHS

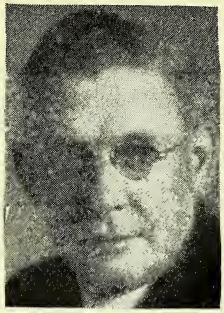
INGTON.—On April 7, Mr. James Boddington, M.P.S., 24 South , Sutton Coldfield, Warwicks, aged ght.

K.—At his home in Buckingham e, Port Glasgow, on April 24, Mr. s A. Buick (president, Scottish Phar- ical Federation), aged fifty-nine. any years Mr. Buick had taken an part in the affairs of the Federa- nd he was also a member of the ng Pharmaceutical Advisory Com- set up under the National Health . He is survived by his widow and

OND.—In hospital on April 13, Miss Frances Edmond, M.P.S., 7 Ridge olders Green, London, N.W.11. Miss d qualified in 1912. She was for a at the (1914-18) war-time Brook al, and later at the North Western al, from which she retired in 1946. as secretary of the pharmacists' sec- .C.C. Staff Association, a member of sociation of Women Pharmacists and Guild of Public Pharmacists.

HIE.—At his home, 407 Blackness Dundee, recently, Mr. Lawrence Pit- Michie, M.P.S. A native of Kinross, Michie attended Dollar school. He ed in July 1899. In 1907 he opened es in a then newly erected building Perth Road. The Blackness branch pened in 1923. For reasons of failing he took into partnership in 1938 . A. R. Lowson at Perth Road and Reoch at Blackness Road. Mr. e, though of a retiring disposition, keen interest in professional matters early days and was active in helping ure a weekly half-holiday for chem- He held office in the old West End Air Swimming Club, and was a keen ner. Latterly he took up bowls and e an enthusiastic member of Balgay g Club. He is survived by his , one son and a daughter.

WILLIAMS.—At the cremation at Golders Green, London, on April 23 of Mr. W. J. Williams (see *C. & D.*, April 23, p. 519) those present included Messrs. R. Greenwood (chairman, Pharmaceutical Export Group), G. W. Miller (vice-chairman, Pharmaceutical Export Group), C. W. Robinson (Association of British Pharmaceutical Industry) J. S. Walmsley (Proprietary Association of Great Britain, Ltd.) A. G. Mussell (Association of British Chemical Manufacturers), member of executives and staff of the Pharmaceutical Group, and former colleagues at F. Newbery & Sons, Ltd. MR. R. GREENWOOD (chairman, Pharmaceutical Export Group) writes: It is my privilege to write in appreciation of William John Williams. Mr. Williams was appointed secretary-manager of the Group when it was first formed in 1940, and was its devoted servant right up to the time of his decease. Much of what he did was done so unostentatiously that it tended to pass unnoticed, and I am sure that it will be some time before we fully appreciate the loss which the Group and the industry as a whole have sustained. The calls made upon him were unceasing but he never failed to respond in the friendliest and most helpful way. We, in the Group, can pay tribute to his impartiality and to his concern that the interests of every member should receive proper attention. It is our proud claim that the P.E.G. is held in high esteem in Government circles, and it is true to say that this is largely due to the ability of W.J.W. One remembers particularly his entire devotion during the difficult war years. He was especially concerned with bulk indenting through which essential medical supplies were furnished to those countries for which the United Kingdom was the natural source of supply. Few, if any of us, know the time and effort which these war-time activities cost him. His interest and zeal remained unflagging during the different but, nevertheless, difficult days of peace. Those of us who were privileged to know him more intimately will treasure his memory.



TRADE NOTES

Dispensing Packs.—A number of manufacturers have notified particulars of dispensing packs that are tax-free from May 2. It is hoped to deal with these in some detail next week.

Penicillin Ointment.—Allen & Hanburys Ltd., Bethnal Green, London, E.2, announce two new sizes of penicillin ointment: a ½-oz. and a 1-oz. tube. The 4-oz. size has been discontinued.

Sole Distributors.—Splendor Ltd., London and Nottingham, have been appointed sole distributors in England and Wales of San-Mex products, manufactured by the British Products Sanmex Co. Ltd., 5 Dalmarnock Road, Rutherglen, Glasgow.

Temporarily Out of Stock.—C. J. Hewlett & Son, Ltd., 35 Charlotte Road, London, E.C.2, announce that they are unable to supply the following until further notice:—Mixture No. M.125 (mist. pro diarrhœa infant.); Mixture No. M.92 (mist. bismuth. sed. co.).

Stocks Held in Manchester.—May & Baker, Ltd., Dagenham, Essex, give a reminder that their Manchester office at 86 Cross Street, holds stocks of a selected range of fine chemicals, and that prompt deliveries by the company's own transport are made in the Manchester area.

Reintroduced.—The Iron Jelloid Co., Ltd., announce the reintroduction of Iron Jelloids with quinine. The product is obtainable on the same terms as Iron Jelloids either from trade wholesalers or direct from the sole distributors for Great Britain and Northern Ireland: J. C. Eno, Ltd., Watford, Herts.

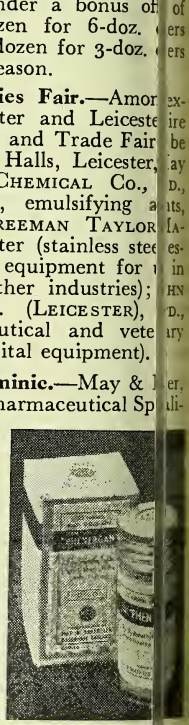
Muscle Relaxant Elixir.—The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, have introduced Myanesin elixir (containing α-β dihydroxy-γ-(2-methyl-phenoxy)-propane), for which a low toxicity and wide margin of safety are claimed. The elixir is issued in bottles of 8 and 40 fl. oz. (1 gm. Myanesin in 15 mils elixir).

Distribution Change.—Aero-Ped, Ltd., 35A Bessborough Place, London, S.W.1, announce that Thomas Christy & Co., Ltd., Farnham, Surrey, have been appointed sole distributors for Aero-Ped P.M.N. ointment and powder (specific for tinea pedis and allied mycotic infections). The previous sole distributors (S. Maw, Son & Sons, Ltd., Aldersgate House, Barnet, Herts) continue to carry this in their wholesale range.

Bonus Terms.—Until May 14, t Benzedrine inhalers for the price of on all orders for one or more pac 1 doz. are being offered by MENL JAMES, LTD., 123 Coldharbour Lane, don, S.E.5. — SOUTHON LABORAT LTD., 84 Upper Richmond Road, Lo S.W.15, announce that their cream of mine is available under a bonus of fourteen to the dozen for 6-doz. and thirteen to the dozen for 3-doz. during the summer season.

Leicester Industries Fair.—Amor hibitors at a Leicester and Leiceste Industries Exhibition and Trade Fair held at the Granby Halls, Leicester, 19-28, are AMOA CHEMICAL CO., Hinckley (emulsions, emulsifying a detergents, etc.); FREEMAN TAYLOR CHINES, LTD., Leicester (stainless stee sels, machinery and equipment for the chemical and other industries); RICHARDSON & CO. (LEICESTER), Leicester (pharmaceutical and vete instruments and hospital equipment).

A New Antihistaminic.—May & Ltd. (distributors: Pharmaceutical Sp ties (May & Baker), Ltd.), Dagenham, Essex, direct attention on another page to their new speciality Phenergan brand promethazine hydrochloride. Phenergan is stated to offer high antihistaminic activity with prolonged action. The product is available in containers of twenty-five and of 500 0.025-gm. coated tablets.



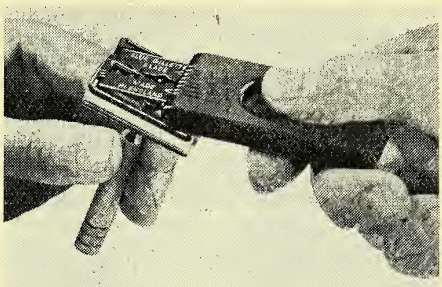
New Veterinary Antibiotic.—Su for research purposes of a new anti Nisin, which appears to be of value i treatment of bovine mastitis, are s to be made available by Fisons, (through their subsidiary, British C cals & Biologicals, Ltd.). Work o substance (which is produced by a fe tation process) was initiated by Ma Hirsch and Berridge, at the Nationa

for Research in Dairying, Reading, the Bengers division of British Che- & Biologicals, Ltd., has been en- on research upon production and tion of the compound. The results of trials suggest that single doses will e mastitis infection caused by strepto- or staphylococci.

e Changes.—GALA OF LONDON, LTD., Rise, Kingston-By-pass, Surbiton, , announce that initial production lties of their nail colour are now ated, and that in consequence a reduction has been made possible. pportunity has been taken to rede- he containers, and a new junior size een introduced. Increases are an- cd in the prices of the large size la film, tonic and lotion. A list of is obtainable from the company.— LABORATORIES, LTD., Greenford, esex, announce that Clinestrol tablets duced in price from May 2. The are available in containers of 100 ,000 0.5-mgm. or 1-mgm. tablets ontainers of 25 and 1,000 5-mgm. .—ROCHE PRODUCTS, LTD., Broad- Road, Welwyn Garden City, Herts, nce reduced prices for Prostigmin. eductions affect the twenty, 100 and blet packs of 15-mgm. tablets and c.c. tube of concentrated solution.

nicillin in Bovine Mastitis.—A new ration, procaine penicillin G veteri- cerate, Glaxo, was introduced by Laboratories, Ltd., Greenford, Mid- , on April 21. It is now available upply against veterinary surgeons' iptions. The combination of pro- with penicillin achieves rapid and ete bacteriological results with only njections per quarter with an interval enty-two hours between each. An ex- e prolongation of penicillin activity e milk cistern and associated tissues nieved by the use of procaine peni- supplemented by a strong water- ing agent (aluminium stearate). The er of treatments per quarter is thus ed to a minimum, and greater per- attention by the veterinary surgeon rd treatment is made possible. A r advantage is that the animal suffers minor disturbance during the course he milk yield is not affected. The preparation is non-irritating and the is free from discoloration.

de-ejector Pack.—A new blade pack een introduced by Gillette Industries, Ltd., Gillette Corner, Great West Road, Isleworth, Middlesex, for their blue Gillette razor blades. Constructed of blue



plastic material, the container holds twenty blue Gillette blades, each of which is ejected by a thrust of the thumb. "Here at last," state the manufacturers, "is the solution of the wretched business of fingers fumbling with paper wrappings." Each blade is coated with rust-preventing oil and the blades are held in position by means of a spring and guide rail (which ensures that the edges do not touch the sides of the dispenser when packed or ejected). The company draw attention also to two new razor sets, each containing a razor and dispenser.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Continental Laboratories, Ltd.*, Taxol tablets, 100's, 46s. doz., tax 33⅓ per cent., inclusive retail price 6s. 9d.

Western Dental Manufacturing Co., Ltd., Sotol tablets, bottles of 500, 90c. doz., tax 33⅓ per cent., i.r.p. 12s. 6d. 1 gross lots, 87s. doz.

Alterations to List (Part 1).—*Parke, Davis & Co.*, Metatone, now exempt from purchase tax.—8 oz., 33s. 4d. doz., 4s. 2d.; 16 oz., 57s. 4d. doz., 7s. 2d.; Ventron capsules, 50's, 80s. doz., 10s. (exempt from tax).

Deletions from List (Part 1).—*Armour & Co., Ltd.*, Glycerin extract of red bone marrow.

Ashley & Weeks, Ltd., Macaulay lung syrup, Macaulay bronchial tablets and concentrate; bronchial mixture for diabetics; tonic elixir; Retrodol.

BUSINESS CHANGES

MR. HOWARD BRANSBY, M.P.S., has purchased the business at 99 Old Shoreham Road, Hove, 4, formerly carried on by Mr. W. S. Howard, M.P.S.

WARD BLENKINSOP & CO., LTD., have appointed Mr. W. R. Acton, M.P.S., 24 Woodlands Road, Gillingham Kent, their medical representative for Kent, Sussex, Hampshire and the Isle of Wight. Mr. Acton was formerly with Herts Pharmaceuticals, Ltd., as South Coast representative and, more recently, as sales organiser in Belgium.

COUNCIL CANDIDATES

Continued from THE CHEMIST AND DRUGGIST, *April* 23, p. 527.

NOTES on the careers of and brief statements of policy by more of the twenty candidates for election to the Pharmaceutical Society's Council are given below.

GRIFFITHS, Edward Trefor

QUALIFIED 1926. Since 1929 chief pharmacist, Cardiff Royal Infirmary, and assistant in pharmacy, Welsh National School of Medicine. For some years a committee member, Cardiff Branch, Pharmaceutical Society. Recently elected chairman, for third successive year, of South Wales Branch, Guild of Public Pharmacists; a district member of Guild Council. Chairman, Welsh Regional Hospital Pharmacy Advisory Committee (Provisional).

POLICY: My endeavour will be:—To serve all pharmacists well and faithfully, and to improve the prestige and status of pharmacy. To conserve those advantages that have come to us with the advent of the National Health Service. To ensure recognition by all Government departments of the professional standing of the pharmacist. To support an educational policy that will ensure a qualification providing a good scientific basis, coupled with a sound knowledge of the practical side of the profession. To press for amendment of the Charter, so that, without losing features that have stood the test of time, it may be brought into line with present-day needs. To increase to members the usefulness and services of the Society. My retail experience has taught me the value of the shop and its importance to the life of the community, and I view with apprehension the continued determination of the Ministry of Health to set up health centres.

SHAW, Granville

A PHARMACEUTICAL CHEMIST and F.S.M.C. (Hons. Prizeman). Proprietor of a retail pharmacy in Long Eaton since 1938. Elected to Council 1946. Chairman of Establishment Committee since 1947. Member of Advisory Committee on Pharmacy at Nottingham University. Chairman of Long Eaton Chamber of Trade.

POLICY: *Man-power.*—I am opposed to official recognition being given by the Society to non-pharmacist dispensers. The Society's function is to train and educate pharmacists, not to bestow its hall-mark on the unqualified. The orthodox t nician is the articled pupil, who aim qualification. *Education.*—The two final course decided on by the Co gives ample academic training to who aspire to become dispensing chem and the Ph.C. diploma, to which it l should be the basic qualification in p macy. Further training is availabl those who wish to proceed to higher q fications, with a view to specialised outside the scope and requirements o typical British pharmacy. *Scholarshi* I advocate the annual award by the ciety of a number of scholarships on results of the Society's Intermediate e ination.

PRIESTLEY, George Henry

APPRENTICED to Mr. John Hague, Lin Assistant and locum work with pr pharmacists. Qualified 1915. En service of company chemists, 1915. agerial experience as follows: Eight at Boston, Lincs; eleven years in G sey; fifteen years (continuing) in E A member, West Middlesex Branch, maceutical Society. Employee repres tive on Middlesex Pharmaceutical Co tee since 1948. On hours-of-service committee.

POLICY: To support and in measures advantageous to the whole fession. To work entirely free from political party. To endorse and su any recommendations that would ass improving the financial position of th pital pharmacist and employee pharm should such matters arise at the Co table. To secure the early recogniti the pharmacist in the Services by gra commissioned rank. To oppose the g ing of any professional status of un fied assistant, should such proposa likely to prove detrimental to the fin or business position of employee ph cists. To limit the dispensing of except those needed for hospitals, en to the pharmacy.

REID, Thomas

QUALIFIED 1930. Proprietor of a pharmaceutical business. Member of cil and of its Benevolent, War Aid, Education, Organisation and Birds House Committees. Eleven years ma for Savory & Moore, Ltd. A past- man and secretary, Oxfordshire B

naceutical Society. A former mem- Oxford and Birmingham Pharmaceuti- Committees and of the council, Bir- ham Pharmaceutical Association. ber. General Pharmacy Committee ablets subcommittee, British Pharma- a Commission.

LICY: Since I joined the Council in decisions of tremendous importance pharmacists have been taken by the cil, and I have always been mindful embers' rights and privileges. I op- the three years' post-Intermediate e for the statutory examination and roposed inclusion of mathematics as a n and additional subject in the Inter- ate, but supported the examination ges in all other respects, particularly evised and more realistic examination us. If re-elected I pledge myself the new headquarters, to replace the wick Square building, shall be ade- for our present and future needs, worthy of pharmacy, but shall oppose vagance; that we shall maintain con- of our examinations, without ties to University; and that we shall examine oblems in the light of common sense pharmaceutical needs, striving at all to uphold the dignity and advance atus of our profession.

SI RP, Louis Kenneth

thirty-five. Born into and brought the retail side. Brother of three phar- ts and husband of a fourth. After ying, in 1936, served various periods e retail, some time as assistant in a London hospital, and finally opened wn business in partnership with his Now lecturer in chemistry at a school armacy in London.

LICY: Although standing for the cil as an individual and not as repre- g any particular interest, my experi- enables me both to appreciate the quate remuneration and status ac- d to hospital pharmacists, and to e the problems confronting the pro- r. The shortage of qualified per- l I regard as temporary, and I intend pose any proposed recognition of a nician" grade in pharmacy, as a that would militate against both neration and status. An enlightened tional policy, by attracting more en- , would solve the problem of insuffi- qualified personnel. As a teacher in ool of pharmacy I feel that I am position to correlate the educational policy of the Pharmaceutical Society with the needs of the practising pharmacist. I am convinced that, when salary scales are being drawn up, we shall be unjust to our profession and to ourselves if we do not accept the principle of equal pay, irrespective of sex. If women have to overcome the same obstacles as men in order to get their names on the Register, they are entitled to equal remuneration.

(To be concluded)

APPARATUS EXHIBITED

THE stands at the Physical Society's thirty-third annual exhibition held at the Imperial College, London, recently, represented commercial, Government-department, trade-association and academic exhibitors showing apparatus embodying recent developments. The exhibits reflected the increasing application of physics to a wide field of scientific problems. Apparatus for chemical or pharmaceutical purposes included moulded plastic (Telcothene) laboratory ware and tubing (The Telegraph Construction and Maintenance Co., Ltd.); crucibles and refractory tubes of alumina, zirconia, etc. (Morgan Crucible Co., Ltd.); glass blowlamp apparatus (Chance Bros., Ltd., and Labgear, Ltd.); balances, including models for semi-micro work (W. & J. George & Backer, Ltd., L. Oertling, Ltd., Stanton Instruments, Ltd.); mass miniature radiography camera (Avimo, Ltd.); a jig to be used for drilling holes in balls used in the construction of crystal models (Mr. C. A. Haywood, University College, Leicester); a disintegrator for blending liquids or cutting solid or semi-solid substances, with a working speed of 12,000 revolutions per minute (Measuring & Scientific Instrument Co.); ultrasonic emulsifying apparatus (Mullard Electronic Products, Ltd.), who, with other exhibitors, showed electron microscopes. A micro-burette delivering drops of accurately known size (formed at the tip of a hypodermic needle around which a concentric stream of air flows) was shown by the Chemical Defence Experimental Establishment. A number of exhibitors showed microscopes and photometers, colorimeters and viscometers. A. Gallenkamp & Co., Ltd., showed a particle-size measuring apparatus embodying a photo-electric mechanism; and Kodak, Ltd., an apparatus for measuring the vertical swell of gelatin and photographic emulsion layers. The exhibits have been recorded in an illustrated catalogue of some 270 pages.

TRUSSES AND THEIR FITTING

6—Children's Trusses

FOR inguinal hernia in infants the writer has always found the all-rubber truss with the horse-shoe-shaped inflating pad the more useful kind to fit (see Fig. 10). The appliance is satisfactory for right, left, or double hernia. though intended primarily for double hernia. The inflated-pad type of truss, when in such a small size, is likely to slip out of place if made for one side only, and in any case it is a wise precaution to support the other side. Single appliances can be obtained, but are not often stocked, and usually have to be made specially, causing a delay that is undesirable in the treatment of a child's complaint. For older children (about the age of, say, four or five years), spring trusses can be made either single or double, and covered entirely in rubber (see Fig 12). The rubber covering is more satisfactory for infants and young children, since it is subject to the effects of urine, etc. Leather-covered trusses for children, however, are made to the same design as those that have been considered for adults, and it is a matter of individual choice which is adopted.

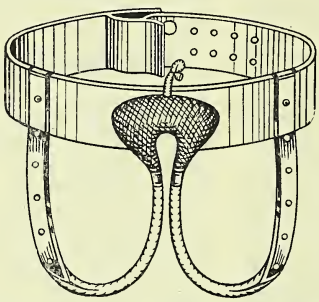


Fig. 10. *Infant's all-rubber inguinal truss with inflatable pad*

Children's Umbilical Appliances

The other kind of hernia appliance most often needed for infants and young children is that for umbilical hernia. Although such appliances are usually referred to as umbilical belts they are, in effect, trusses, and for that reason most Executive Councils allow them to be prescribed on E.C.10 prescriptions. The appliances are quite simple to apply. All that is necessary is carefully to reduce the hernia, to place the pad upon it and then to fasten the belt portion round the child's body. It may be found advantageous to order children's umbilical belts 1 in. shorter than the actual measurements, so as to allow for stretch. On the other hand, they usually have a stud fastening that allows ample margin for tightening or slack ng as necessary, because, of course, the ild is constantly growing and some allo nce has to be made for that in the size the appliance. Umbilical belts for infar are usually made entirely of rubber. ca-

Fig. 11. *Elastic webbin, pli- ance for umbilical he in infants*

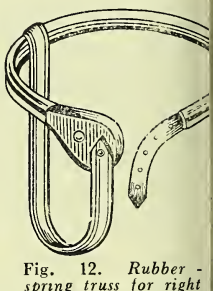


Fig. 12. *Rubber - ered spring truss for right inal hernia in older chi n*

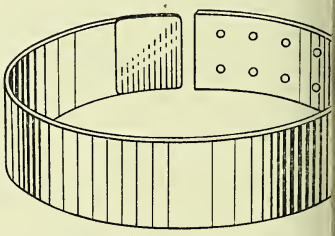


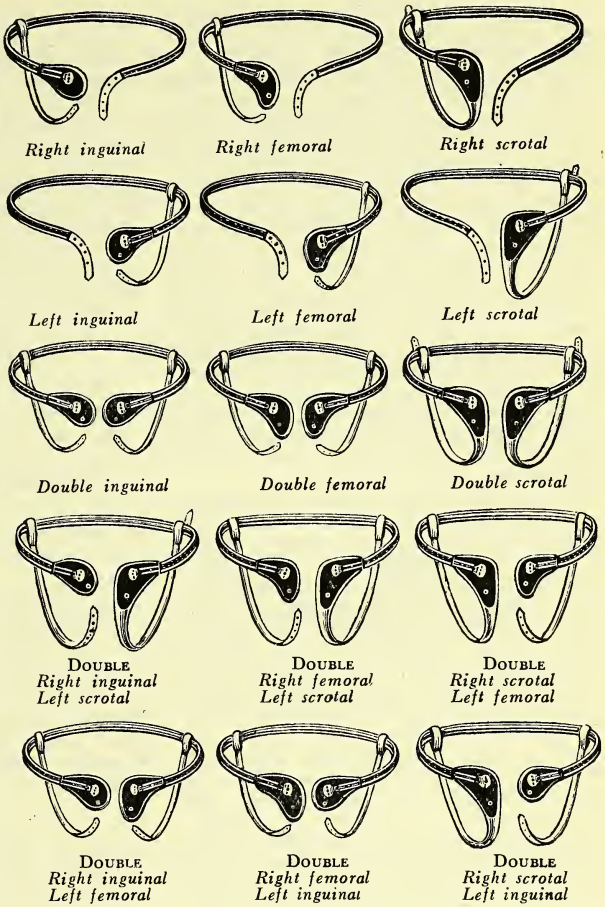
Fig. 13. *Rubber appliance for umbilical h a in infants*

sionally a small patient is encou ered whose skin is irritated by rubber, a for such patients an elastic webbing ap nce is obtainable with a chamois cover pad and made to fasten at the back h a small lacing device. Appliances this kind need more careful measureme be- cause the type of fastening allo less adjustment than is obtained by the e of studs fastening in a number of hol (see Figs. 11 and 13).

nbilical Trusses

scussion of umbilical es has purposely been in abeyance because is diversity of opin- s to whether umbilical a should be supported a truss or with an minal belt. Certainly, ere is general corpu- , together with laxity e abdominal wall, a er abdominal belt with ple pad provides the r support. The same e if the umbilicus has ated very much. But, e choice of appliance with the doctor pre- ing, that aspect of the er need cause no ty. When the doctor des that an abdominal is necessary he has to the patient to a tal, for the belt can rdered only through Hospital and Specialist ce.

e present concern is umbilical trusses, h are usually of the c-band type, consist- f a padded plate with tly concave and ed surface, bearing a d cone or dome in the e to control the hernia e the plate assists both positioning it and in enting any escape of the ia. The whole is held



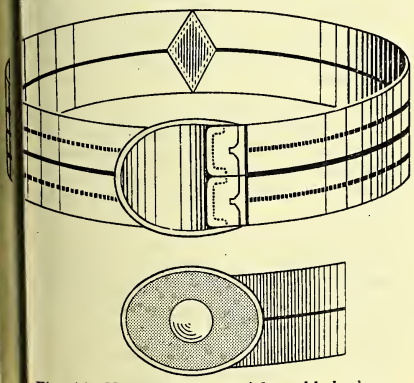


Fig. 14. *Umbilical truss with padded plate*

securely round the body by two stout elastic web bands, $1\frac{3}{4}$ in. wide, each with a fastening clip engaging on studs riveted to the plate and designed to slide along the webbing, also for adjustment of tension. The appliance described is shown in Fig. 14. Occasionally, if quite a small cone and plate are necessary, only one elastic band is used. The twin bands are, however, the more usual. There are also spring appliances to be had, but they are rather cumbersome on account of the great girths for which they are usually needed and, in addition, on account of the large padded plates umbilical hernias generally require.

An umbilical hernia is, of course, a thrusting outwards of the umbilical cord, usually through severe coughing in males;

through frequent childbearing in women; and in infants by excessive crying or post-natal neglect. An infant's umbilicus is so small that, as a rule, an umbilical hernia in the child does not entail any herniation of the bowel, though there may be a little of that. The adult umbilical hernia, however, may assume quite alarming proportions, with a large amount of intestinal content. As a general rule, if the hernia has become larger in size than an average tomato (they often look like one when very distended and sore), the patient should not be fitted with a truss; in cases of doubt the patient should be referred back to the doctor. Many umbilical hernias in adults can be successfully controlled with a truss, however, and the procedure is not difficult. With the patient in the prone position, the body circumference is taken at the level of the umbilicus, meeting the ends of the tape measure across the hernia.

It may have been noticed that nothing has been said in this instance about first reducing the hernia. The reason is that it is a wise precaution, in the writer's opinion, to refrain from attempting immediate reduction of an umbilical hernia. Such a hernia is frequently very sore and tender owing to friction of the clothing or continual contact with a work-bench, table or machine, and it is therefore better to allow the hernia a few minutes in which to recede a little of its own accord. Internal pressure eases off when the patient lies down, and while this is happening the measurement can be taken. Afterwards, the remainder is reduced by carefully squeezing, pressing and pushing with a gentle circular movement, giving it a final press with the flat of the hand to make sure it has all gone back, leaving the abdominal surface quite flat again. The diameter of the hernia is then measured, and an inch added to the measurement for the size of the retaining cone that will be required on the truss pad. This results in the cone being ½ in. larger all round than the hernia, an allowance which, provided the elastics are braced tight enough, should result in the hernia being effectively retained.

In ordering an infant's umbilical belt or truss it is only necessary to quote the body circumference, the pads being all of a standard size. For an adult the body circumference and the size of cone required should also be given or, if there is any uncertainty about that, the diameter of the hernia to be controlled. It is not necessary to state the dimensions of the padded unless for some reason it is desired particular size or shape. Ordinarily truss maker makes the truss in propo to the size of the cone. An umbilical must, like all other types, be applied the patient is upon his back; the must see that the whole of the hern properly reduced, when the cone is pl directly upon it, the bands passed r the body and fastened by their clip the studs on the back of the plate simple procedure compared with the ting of some of the other types of previously discussed.

PERSONALITIES

Professor D. M. S. Watson, F.R. to receive the Linnean medal for 194

Dr. W. K. Slater has been appo secretary of the Agricultural Res Council from May 1.

Mr. E. R. Underhill, M.P.S., has elected unopposed to the Callington, C wall, parish council.

Mr. A. C. Stockwell, M.P.S., 22 Green, Ealing, London, W.5, has bee stalled Master of the Isma Lodge of masons, No. 5,009.

Mr. John Christie has been el to the fifth South African Pha Board. He held the position for the three terms after the constitution o Board in 1928.

Mr. T. B. Clarkson, M.P.S., n west region territorial manager for E Ltd., was re-elected to the committe the North Western Branch of the B Display Association on April 7.

Mr. Hugh P. Corrigan, M.P.S. member of the Council of the Pharm tical Society of Ireland), won the bass competition at the Feis Ceoil, held at recently.

Sir Frank Newson-Smith, Bart., ing completed the maximum perm term of three years as president o London Chamber of Commerce, r from that office at the annual meetin April 27.

Mr. Ernest J. Wright, M.P.S. (n ging director of Ernest J. Wright, March, Cambs), was invested by His the Duke of Devonshire with the ra Past Assistant Grand Director of monies of England at a ceremony of masons in London on April 27.

GUIDE TO NEW MEDICAMENTS

Ir mation about new proprietary medicaments to be supplied principally on prescrip- ti . Editorial recommendation is not implied. Reprints obtainable on application.

IOFORM OINTMENT and CREAM

M UFACTURER: Ciba Laboratories, Ltd., Horsham, Sussex.

D CRIPTIONS AND FORMULA: An ointment and a water miscible cream containing 3 per cent. iodochlorhydroxyquinoline (Vioform).

I CATIONS: Infections of the skin (particularly those associated with pruritus), eczema, impetigo, dermatitis and psoriasis.

H SUPPLIED: In 1-oz. and 1-lb. packs.

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rookes' VITAMIN B-COMPLEX

M UFACTURER: The Crookes Laboratories, Ltd., Gorst Road, Park Royal, London, N.W.10.

D CRIPTION AND FORMULA: Sugar-coated tablets, each containing: Aneurine hydrochloride, 1 mgm.; riboflavine, 1.25 mgm.; nicotinamide, 10 mgm.; yeast powder, 227 mgm.

I CATIONS: Nutritional deficiencies.

D AGE: One or two tablets daily, or as prescribed.

H SUPPLIED: Bottles of 25, 100, and 1,000 tablets.

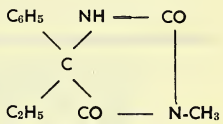
ESONTOIN

M UFACTURER: Sandoz Products, Ltd., Pharmaceutical Department, 134 Wigmore Street, London, W.1.

D CRIPTION: 3-methyl-5,5,-phenylethylhydantoin, an anticonvulsant.

I CATIONS: Grand mal, Jacksonian seizures and psychomotor equivalents of epilepsy.

D AGE: Half a tablet daily gradually increased to four to six tablets daily. When seizures are controlled the dosage may be gradually reduced. Children require usually two to four tablets daily.



Mesontoin

H SUPPLIED: Tablets containing 0.1 gm. in bottles of 100 and 1,000 tablets.

N ES: Available for patients already under treatment, and for clinical investigations.

HENERGAN

M UFACTURER: May & Baker, Ltd., Dagenham, Essex. (Distributed by Pharmaceutical Specialities (May & Baker), Ltd.).

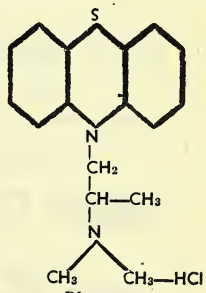
D CRIPTION: N- (2-dimethylamino-n-propyl) phenthiazine hydrochloride, an antihistaminic.

I CATIONS: Antihistamine therapy, particularly where treatment with existing antihistaminics has proved unsuccessful because of the need for high dosage and frequent administration.

D AGE: Varies with individual needs. Recommended commencing dose 0.025 gm. Two or even three times this dose may be given, preferably at bedtime.

H SUPPLIED: Sugar coated tablets, each containing 0.025 gm. Phenergan, in packs of twenty-five and 500.

N ES: The preparation exhibits high activity and a prolonged action.



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8 ozs.	5/9
16 ozs.	11/3

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Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1·4 mgm. of Riboflavin, and 8 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B_1.

100 TABLETS 3/9d. 50 TABLETS 2/3d.

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INFORMATION WANTED

The Editor would appreciate inform n about suppliers of the following item

Lipolene
Myocardil tablets
Alotropin
Baralyne
B.S. 2
Selco (for pigs)
Amino-dimethylaniline-monohydrochloride
Dr. Neuwahl bromide tablets
Lucosil

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ulates throughout the Pharmaceutical, mical, Drug, Essential Oil, Perfumery, metic, Toilet Preparation and allied Trades throughout the World
cial organ of The Pharmaceutical ety of Ireland, The Pharmaceutical iety of Northern Ireland, The Chemists' Druggists' Society of Ireland and of er Chemists' Societies in the Empire.
.. CLI APRIL 30, 1949 No. 3610

Come to the Fair

the twenty-eighth British Industries r, which opens on May 2 (see pp. 564-, record attendances are anticipated by Commercial Relations and Exports partment, Board of Trade. Since the t overseas catalogues were distributed, re than a thousand letters about the r have been reaching the Board each ek, and the signs are that visitors from stralia, India and South America will especially numerous. Several hundreds overseas buyers are expected to come air, and arrangements have been made transporting visitors by air between London and Birmingham (engineering) tions of the Fair.

The expanded total area of exhibits is further indication that the B.I.F. is in danger of undergoing any recession as country's shop window. The stands cupy this year nearly one million sq.

At Olympia, where about 1,302 manuturers occupy 300,000 sq. ft. in twelve de groups, the principal exhibits of anufacturers of brushware, chemicals, emists' supplies and scientific and opti- l apparatus are located. Arrangements ade to increase the usefulness and conienice of the Fair to visitors include nking, postal, telephone and telegraph, nd catering facilities. Inquiry bureaux ve been set up to give information on ch matters as the import duties, quota hemes, invoicing requirements, etc., perating in various parts of the world. free motor coach service operates between Olympia and Earls Court, and there are facilities for car parking at each section of the Fair.

A warm welcome awaits trade visitors from overseas at the stand of THE CHEMIST AND DRUGGIST (D. 4, Olympia, ground floor) where representatives are in attendance to be of service.

Overseas Trade in March

THE value of the United Kingdom exports in March, of all classes of merchandise, was £160.0 millions, £0.7 millions above the January record figure and some £19.2 millions more than in February. Taking into consideration the rise of prices since 1938, the volume of exports in the first quarter of 1948 is estimated at 156 per cent. of the average of 1947. The aggregate of imports in March was also a record, at £189.9 millions, about £2.7 millions above the January peak and £27.9 millions more than the February total. Re-exports in March amounted to £5.9 millions. The excess of imports (valued c.i.f.) over total exports (f.o.b.) was £24.0 millions, compared with £22.9 millions in January and £16.9 millions in February.

Exports of chemicals, drugs, dyes, etc., in March reached £7,571,228 which, although about £641,500 below the January record total, was 0.92 millions higher than the corresponding month in 1947. Drugs, medicines and medicinal preparations exports increased to a peak total of £1,678,753 against £1,229,878 in March 1948. Proprietary medicines exports were valued at £534,706 (March 1948, £351,100). Aspirin exports mounted to 141,031 lb. with a value £38,889, compared with 63,492 lb. valued at £18,788 a year earlier. The amount of insulin exported was more than double the total for March 1948 and brought in £30,540 against £14,926 in the earlier month. Penicillin exports at 449,625 mega units were more than 123,000 mega units higher than March 1948, but, owing to the intervening fall in prices, the value declined from £179,373 to £175,640. Ointments and liniments exported reached a total of £70,549 against £45,977. In all instances the quarterly export totals for items in the drugs and medicines section were higher in value than in the first

three months of last year. Exports of the perfumery and toilet preparations group (excluding perfumed spirits, essential oils and soap) were valued in March at £433,747, against £240,260 in the corresponding month a year earlier. To this total, £63,952 (£49,182) was contributed by tooth-pastes, dental preparations, etc., and £189,929 (£79,227) by cosmetics. The value of exports of perfumed spirits was £76,977, compared with £45,902 in March 1948; essential oils were valued at £27,541, against £14,340; and toilet soap sent to overseas markets was valued at £233,857, against £127,418. In toilet requisites, exports of powder bowls, powder puffs, etc., were valued at £10,699 (£14,806), while sales of tooth- and dental-plate brushes amounted to £24,428 (£6,510). Shipments of hair and shaving brushes, and other toilet brushes, were valued at £30,638 (£24,925).

Re-exports of crude drugs were again disappointing with a total of £21,981, compared with £46,687 in March 1948; the quarterly total was £61,796 (£135,446). Manufactured medicines re-exported in March were valued at £6,853, compared with £10,168 in the corresponding period of last year. A welcome improvement in the entrepôt trade in essential oils, with a total of £24,206, brought the quarterly total to £56,786, against £40,743 in 1948.

The Imperial Institute

It is heartening to learn that the administrative changes in the control of the Imperial Institute, announced by Sir Harry Lindsay, its director, in presenting the report for 1948, will not circumscribe its activities in any way, but will rather allow of the "normal healthy expansion of a living and vital organism." The Imperial Institute was founded in 1887 as a memorial of Queen Victoria's Golden Jubilee; its primary purposes were to give scientific and technical advice in the interests of the economic development of the natural resources of the Empire, and to provide visual aids to the knowledge of the life, scenery and industries of the Empire. Under the changes (see *C. & D.*, April 23, p. 538), it will continue to be the clearing house for information on materials of the Empire and a centr preliminary laboratory investigation of natural products.

During the past year the demand the services of the Institute's Plant Animal Products Department have exceptionally heavy. Perhaps the most portant work of the Department has the preparation of memoranda on e mic products for the Colonial Primary ducts Committee (see *C. & D.*, Ap p. 437), which has been examining production and world trade in va types of raw materials, including ess oils. Detailed arrangements were mad a world-wide series of collaborative a ses of pyrethrum flowers by an insec subcommittee. Investigations carrie in the laboratories of the Institute hav cluded the examination of various e tial oils, sandalwood, gum acacia, pa fish livers and other products of a and vegetable origin.

A PHARMACIST'S ANTHOLOGY

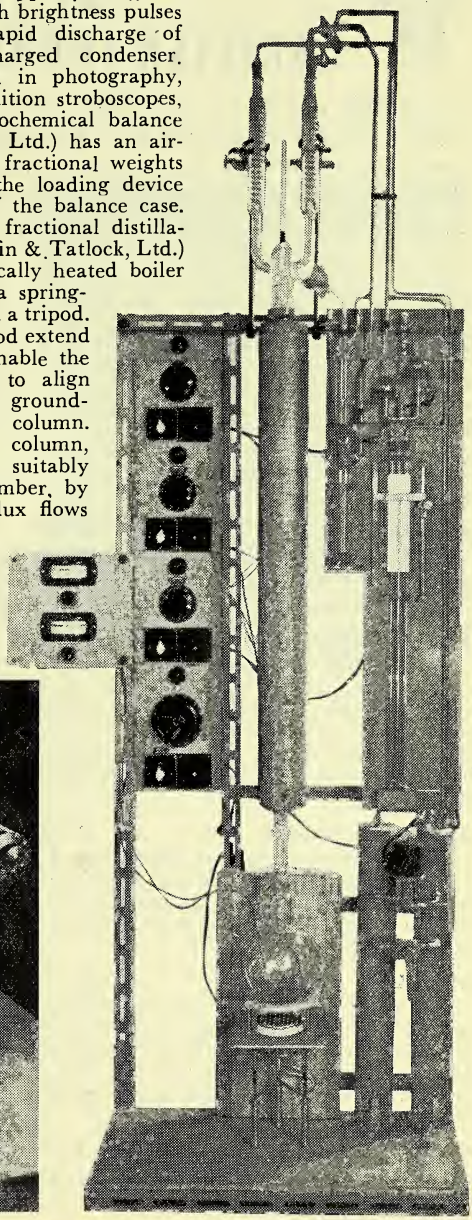
"D'ye expect to have a footman a couple of horses kept for you?" Sir, (I replied) my expectations are quite so sanguine. That I may be as burthensome as possible, I would ingly serve in your shop, by which I may save you the expense of a jou man, or porter at least. for I under a little pharmacy, having employed of my leisure hours in the practice of art, while I lived with Mr. Po neither am I altogether ignorant of gery, which I have studied with pleasure and application."—"Oho! did? (says Crab). Gentlemen, here compleat artist!—Studied surgery! w in books I suppose.—I shall have disputing with me one of these day points of my profession.—You can al account for muscular motion (I war and explain the mystery of the brain nerves—ha! You are too learned for d—n me. But let's hear no more of stuff—can you bleed and give a cl spread a plaister and prepare a potic —Upon my answering in the affirm he shook his head, telling me he beli he should have little good of me.—*I "The Adventures of Roderick Rand by Tobias Smollett.*

S OWN AT PHYSICAL SOCIETY'S EXHIBITION

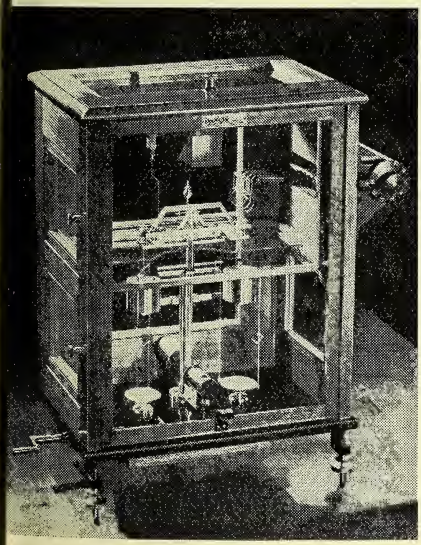
(*See also report of the exhibition, p.* 555)

Xenon-filled lischarge lamp.

SIEFLASH xenon-filled discharge tubes (Siemens Lamps & Supplies, Ltd.), are designed to give high brightness pulses of light by the rapid discharge of energy from a charged condenser. They may be used in photography, and with high definition stroboscopes, etc. The semi-microchemical balance below (L. Oertling, Ltd.) has an air-damped beam, and fractional weights may be added by the loading device seen at the right of the balance case. The high-efficiency fractional distillation apparatus (Griffin & Tatlock, Ltd.) embodies an electrically heated boiler flask supported on a spring-mounted ring held on a tripod. The legs of the tripod extend simultaneously to enable the flask to be raised to align accurately with the ground-glass joints of the column. A flux meter fits at the bottom of the column, an may be brought into operation by suitably m ng a steel ball within the meter-chamber, by m s of a magnet. The condensed reflux flows fr a film cooler into the bucket, ar the excess back to the top of the co nn. The bucket is emptied into a re ver electro-magnetically.



ni-microchemical balance (below) and h-efficiency distillation apparatus with most lagging removed (right).



DRUG TRADE EXHIBITS AT THE BRITISH INDUSTRIES FAIR

The British Industries Fair, 1949, which opens at Olympia and Earls Co London (engineering exhibits at Birmingham), on May 2 and remains o until May 13, occupies 10,000 sq. ft. of exhibition space more than in 1 Trade visitors will be welcomed at the stand of THE CHEMIST AND DRUG on the ground floor at Olympia (No. D4, Telephone: Renown 3751).

THE Fair is open to trade buyers from 9.30 a.m. to 6 p.m. daily. Admission is by trade buyers' badge (price 2s. 6d.), obtainable at the entrance on presentation of a trade card. The general public is to be admitted, on payment, on Wednesday, May 4, Saturday, May 7 and Wednesday, May 11. An alphabetical list of many of the exhibitors in the chemical, chemists' wares and scientific instruments sections is given below:—

Aberdeen Combworks Co., Ltd. K. 121

The company's exhibit is mainly of hair combs, but includes also a perfume or hair-lotion comb and a plastic pill box.

Abietsan Manufacturing Co., Ltd. D. 64

The exhibit features the company's range of perfumes, lavender water and eau de Cologne. Beauty preparations shown include face and hand creams and lotions, lipsticks, brilliantine, after-shave lotion, bath salts and essences, talcum powders, etc.

A. Adams & Co., Ltd. C. 73

Vertical photographic enlargers, including the Adams Minex vertical enlarger professional model and the amateur model, are on show. They incorporate several improvements.

Addis, Ltd. J. 15

The company is exhibiting the Wisdom range of tooth-brushes in adult, junior and baby sizes; Nylon and bristle tooth-brushes, denture brushes, nail brushes and hair-brushes. A recently introduced item is the Addis beauty hairbrush.

Albright & Wilson, Ltd. B. 3

The company is showing its range of phosphorus compounds including phosphoric acids, sodium phosphates, sodium pyrophosphate, tetrasodium p phosphate, monocalcium phosphate, tr cium phosphate, ammonium phosph sodium metaphosphate, alkyl phosph phosphorus chlorides, hexa-ethyl-t phosphate, hypophosphites, carbon te chloride, sodium alginate and silicon c pounds.

Roy Aitken & Co. N

Featured on the stand is the Duck child's chamber in the shape of a c made of plastic material and in a ra of colours. The shape is claimed to perfect sitting posture, and the neck beak are designed to form a handle.

Amber Pharmaceuticals, Ltd. B

Products shown include barbitur benzocaine, bromisovalerylurea, butob tone, caffeine, cinchophen, citrates, cy barbitone, *dl*-valine, hexobarbitone, am phylline, iodophthalein, orthocaine, aminobenzoates, phenobarbitone, etc.

Amblins Sales Co., Ltd. D

The company is showing its Santa bara perfumes, hand cream and a range of beauty preparations. Also sh are Amblins and Argil medical prep tions.

Andrews Bros. (Bristol), Ltd. C.

Atec medical and catering prod are displayed, including surgical holl ware, laboratory sinks, laboratory and pital equipments (several on view for first time). All the items are of stain steel. The new products include stainless steel serological bath, thermost cally controlled; Atec stainless steel cine bath, temperature-controlled; and st less-steel laboratory-type steam sterilise

An a Perfumery Co., Ltd. D. 36

T company is showing its range of hai preparations including Anzora and An a Viola hair creams, Nuzora hair cre s, and Anzora brilliantines. Anzora aft have lotion is also on show.

Ass ation of British Chemical M ufacturers B. 58

Association's stand is intended as a l cau for supplying information about Bri manufacturers of heavy and fine che cals.

Av Ltd. D. 40

e company is showing its range of cos tics, hair preparations, perfumery, ski creams, soap substitutes, toilet and sha g soaps, pharmaceutical specialities, etc

B. Plastics, Ltd. Earls Court, X. 8 and X. 15

e company is showing thermoplastic ma ials, including Xylonite (celluloid); Be d (cellulose acetate); Lactoid (ca n); BX P.V.C. (polyvinyl chloride); BX thylcellulose; BX polystyrene; Styra- foi (orientated polystyrene film), etc.

Ba & Tatlock (London), Ltd. C. 5

ing B.T.L. metal unit furniture as lal atory benches, the stand is fitted to re ble a laboratory.

C. ker (of Holborn), Ltd. C. 62

croscopes for research, medical, edu- ca al and industrial purposes are on sh together with other optical equip- m , including epidiascopes, microtomes an hotomicro apparatus.

Ba et Ensign Ross, Ltd. C. 80

meras, cinematograph projectors (s d and silent) and general photo- gr ic equipment including enlargers, se tised material, lenses, epidiascopes and fil s are being shown by the company.

R. J. Beck, Ltd. C. 58

e company is showing microscopes a accessories, microtomes, spectroscopes, m ifiers, photographic lenses, opaque p ctors, optical units, lenses and prisms, et

B ngham & Stanley, Ltd. C. 56

ccharimeters, polarimeters, and re- fr ometers and a wide range of related a ratus is being shown.

Benbow's Dog Mixture Co., Ltd. D. 27

Benbow's dog mixture (first marketed in 1835) is being shown on the company's stand in bottles, cans and capsules. Benbow's skin ointment for dogs is also on show.

H. G. Benwell & Co., Ltd. J. 8

A display of shaving brushes will be on view on the stand, many at lower prices in view of recent reductions in the

cost of badger hair. The display includes ranges of super, best and pure badger.

Betts & Co., Ltd. D. 28

Products shown include collapsible metal tubes suitable for packing tooth-pastes, cosmetic creams, etc.

Blackburn, C. H., & Co., Ltd. C. 103

Hospital and dental sterilisers, apparatus for physiotherapy and electrical photo-graphic apparatus are being shown.

A. Boake, Roberts & Co., Ltd. B. 33

Abrac lye, manufactured by the company, has been introduced as an ad-sorption agent for weak acidic gases, and for the removal of hydrogen sulphide and carbon dioxide from hydrocarbon gases. Recent developments by the company in the production of compounds of phenols and polyhydric alcohols have led to the production of a range of plasticisers, in-cluding glyceryl monocresyl ether.

Frederick Boehm, Ltd. **B. 50**

In addition to products for the paint and food industries, the company is showing Protex hydrolysed protein, Yeatex yeast extract, citral, carotene, chlorophyll, etc.

Boots Pure Drug Co., Ltd. **B. 2**

Shown on the company's stand are medical, pharmaceutical and toilet specialities, veterinary and horticultural products, cosmetics, soaps, fine and industrial chemicals, galenicals and tablets, potassium permanganate and saccharin, etc.

Boyd-Norman Manufacturing Co., Ltd. **C. 48**

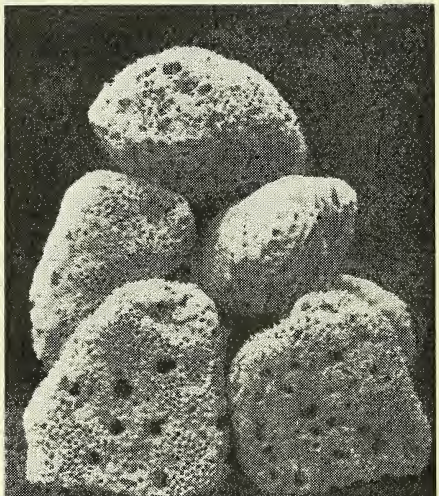
Twin and triple roll mills and tumbler mixers for use in laboratories and for production purposes are shown.

S. Brannan & Sons, Ltd. **C. 47 and C. 53**

A range of thermometers for all purposes (clinical, household, industrial, photographic, veterinary, laboratory, incubation, refrigeration and meteorological) is on display.

Richard Brandt & Co., Ltd. **B. 51**

Branded machinery shown by the company includes Hygienic (tablet counting and filling), Automatic (cap screwing and tightening), Record (liquid filling), etc.



Specimens of honeycomb sponges shown by Cressweil Bros. & Marks.

British Export Trade Research Organis

The organisation, open to all firm terested in exporting from the U Kingdom, is providing information a stand about market research and trade and commercial intelligence rep

British Heat Resisting Glass Co., Ltd. **Earls Court,**

The company is showing Phoenix resisting glass for scientific apparatus

British Patent Perforated Paper Co., L **M**

Toilet rolls, paper towels, rolls for tills and fixtures for paper towels toilet paper are displayed.

British Rototherm Co., Ltd.

Bimetallic and distant reading dial thermometers for industrial and dom use, and indicating and non-indic temperature controllers, pressure ga barometers, etc., are being exhibited.

British Sterilizer Co., Ltd.

The company is showing hospital s isers, bed-pan washers, disinfectors, o ting room equipment, etc.

Brotherton & Co., Ltd.

Chemicals shown include sodium h sulphite, sulphur dioxide, direct and dyestuffs, ammonia liquor, ammonium bonate and bicarbonate, sodium sulp bisulphite and metabisulphite, hexan sulphuric acid and coal-tar products.

Burt, Boulton & Haywood, Ltd.

Exhibited on the stand are Ialin secticides and fungicides, including bolineum, DNOC and petroleum w washes, etc.

Busby, Winter & Co., Ltd.

The latest Vacfill filling machines a show. They can handle all types of li chemicals, toilet preparations, pharma tical liquids, edible oils, etc. The moving part is a small ¼ h.p. electric m and pump unit, and unskilled labour operate the machines.

W. J. Bush & Co., Ltd.

The company is exhibiting its range of synthetic, fine and pharmaceu chemicals, including Fre-flo aspirin, ph acetamide, perfumery compounds raw materials, DDT, azobenzine and

intermediates. Also shown are rub-perfumes, vanillin benzyl alcohol, l acetate, benzyl benzoate and ter-l. A range of fruit essences, essential nd culinary essences, etc., is displayed rls Court, Stand T. 9.

on Rubber Manufacturers, Ltd. D. 34

ongst the many new products shown e Dolphin and Ripple hot-water bot-vailable in attractive modern colours lesigns, Modern and Wellborn nur-roducts and Rosette, Diver and Arc-thing-caps.

gie Chemicals (Welwyn), Ltd. B. 56

rnegie Chemicals (Welwyn), Ltd., and associated companies, Carnegie ne Works, Ltd., and Carnegie Chemi-(Australasia), Ltd., are exhibiting a ion of their range of fine chemicals pharmaceuticals for supply in bulk to facturers of proprietaries and speciali-ableters, and wholesalers.

enter & Richardson, Ltd. C. 131

e new Carpenter projector, which is iew, comprises three units, projector, peaker and power transformer.

ce Brothers, Ltd. C. 2

oducts shown include Hysil labora-glassware, interchangeable all-glass ges, precision bore glass tubing, etc.

ty Perfumery Co., Ltd. D. 2

e main emphasis is on Brylcreem d to be the greatest selling hair pre-ion in the world). Brylfoam (cream poo) and Brylshave brushless shave n are also on view, and there is a ay of Rowland's macassar oil.

. Cow & Co., Ltd.
D. 11, N. 2, L. 29, Q. 145 and X. 44

e company is exhibiting at both npia and Earl's Court and has stands e sections—chemists' supplies, toys and es, sports goods, textiles (Earl's Court) plastics (Earl's Court). In the chem-supplies section, P. B. Cow & Co., show their full range of domestic and ical rubber products.

ur H. Cox & Co., Ltd. D. 5

he company is showing a range of pills, ets, suppositories, pessaries, packed maceuticals, solvellæ and capsules, demonstrating its services in manufac-ng products to customers' specifications.

Cresswell Bros. & Marks D. 54

A full range of the company's products, including Reliance chamois leathers and Isil rubber mats, is being shown at the stand, and a wide range of sponges.

Cussons, Sons & Co., Ltd. D. 62

A range of toilet soaps on show includes Imperial Leather, Apple Blossom and Linden Blossom. Also on display is the company's wide range of toilet powders, foundation creams, mascara, lipsticks, bath essences and eau de Colognes, Chubby shaving stick and White Cross baby powder.

Dae Health Laboratories, Ltd. D. 36

Among products displayed are Veet hair remover, Discret deodorant cream, Trifo cream shampoo, Valderma antiseptic balm, Valopto eye lotion, Valpeda foot balm and other items.

J. H. Dallmeyer, Ltd. C. 89

Photographic and cinematographic lenses for industrial, commercial, professional and amateur cameras, enlargers and still and cine-projectors are on show. They include the 8.5 cm. Dallac f/2 anastigmat mounted and coupled for use on Leica and similar precision miniature cameras employing a range finder.

A. de St. Dalmas & Co., Ltd. D. 25

Visitors to the stand will see a comprehensive range of plasters and pharmaceutical goods, including some of the principal products of Nu-San, Ltd., an associate company. The Dalmas waterproof dressings are likely to arouse special interest; they are stated to offer advantages over ordinary types of dressings (the products are impervious to oils and acids, while their medicated lint centres make them a complete first-aid dressing for immediate use).

Denhams (Norwich), Ltd. C. 120

Norvic and Corona thermostatically-controlled electric heating pads and blankets, as shown, are available for all voltages and in various sizes for medical, surgical, hospital and domestic use.

Distillers Co. (Biochemicals), Ltd. B. 26

The Distillers Co. (Biochemicals), Ltd., is featuring penicillin, including crystalline sodium, potassium and procaine salts of penicillin G, and the amorphous sodium and calcium salts of penicillin.

Dufay-Chromex, Ltd. **C. 87**

Cameras, films (black-and-white and colour) and optical lanterns are being shown at Olympia. Plastic containers, photographic film base and thermo-plastic and laminated material are being shown at Earls Court (Stands X. 9 and X. 14).

Dunlop Rubber Co., Ltd. **D. 33**

The company is showing at Olympia hot-water bottles, rubber gloves, hospital sheeting, air cushions, air- and water-mattresses and pillows, and a complete range of rubber surgical products. Other products are being shown by the company at Earls Court (stands V. 18 and R. 99).

Eberhardie Products **D. 36**

Displayed on the company's stand are perfumes, cosmetics, hair lotions, face powders, lipsticks, rouges, skin foods, etc.

J. C. Eno, Ltd. **D. 2**

Proprietary preparations on show include Eno's fruit salt, Dinneford's fluid magnesia, Serocalcin, Yeast-Vite tablets, Iron Jelloids, Thermogene medicated wadding and medicated rub, New-Skin, Caleno, Effalgen, Cicfa, and Holloway's pills and ointment.

Robert Ferber, Ltd. **D. 60**

The company is displaying its extensive range of gelatin capsules. Also shown are medicated pastilles, lozenges, tablets, suppositories, pessaries, Gelabase pastilles, Blenosan, Calcivita, Vitamaxa and Halimaxa capsules and Hebe brand products.

Flexile Metal Co., Ltd. **D. 17**

The company is showing plain and decorated tin, tin-coated lead, lead, and aluminium collapsible tubes for dentifrices, toilet creams, shaving creams, pharmaceutical preparations, etc.

J. G. Franklin & Sons, Ltd. **D. 31**

Hot-water bottles, surgeons' gloves, air cushions, air- and water-beds, teats, soothers, syringes, whirling sprays, enemas, spray bellows and a variety of surgical appliances are being shown by the company.

Gardner Co. (London), Ltd. **D. 56**

On display are Atomist medical throat and nasal sprays, nebulisers, surgical, powder, disinfectant and perfume sprays. Special types can be made to customers' specifications. Also shown are Pot-a-Fleurs bath salts.

Gelatin Products, Ltd. **30**

The company is showing flexible g tin capsules, and tubes and containers su ble for the pharmaceutical and allied us- tries.

Gillette Industries, Ltd. **I 251**

The company is showing Gillette ors and the various types of Gillette de, Gillette shaving brushes, Valet razor nd shaving brushes, and 7 o'clock and cet razor blades.

Gillette Industries, Ltd. (Toni Divisic **26**

The stand houses a display of the oni home permanent-wave outfit and ref

Gnome Photographic Products, Ltd. **67**

Photographic equipment includ a 2¼ in. box camera and enlargers inc ing the Autofocus (8½ x 6½ in. or 35 n.). The company is also showing proj rs, masking frames, developing tanks, e

Graesser Salicylates, Ltd. **57**

The company is showing aspirin cr als, powder and tablets; salicylic acid, s um salicylate, salol, chlorsalol, miscella ous salicylates, sodium phenate, etc.

Harry Green, Ltd. **37**

Shown on the stand are Broadca nd Mary Drake soaps, toilet and bath ps, soap flakes, soap base and soap p er.

Walter Gregory & Co., Ltd. **40**

Phœnix compound pessary, linke ith Clensox calving drench, has, it is cl ed, proved invaluable in combating st ity in herds.

Griffin & Tatlock, Ltd. **42**

Laboratory apparatus and scienti in- struments for analysis, research and ca- tion purposes are shown.

Edward Gurr, Ltd. **53**

The company's extensive range of ro- scopical stains and biological reag is again featured. Also shown are bact lo- gical sugars and culture media, micr pe immersion oils and mounting media,

Guy, Morrison & Co., Ltd. **I 253**

The Buk electric dry shaver, whi he company are showing as sole age is suitable for 180-250 volts a.c. mains, d is sold complete with leather pack, cle ng- brush and protective head cap.

C. Halliday & Co., Ltd. C. 119

A ng products displayed are photo-gra c mounts and folders, photograph alb , cardboard film and print wallets, pho raphic showcards, etc.

The re Hamblin, Ltd. C. 111

S wn at the stand are spectacles and eye asses, ophthalmic instruments, arti-fici eyes, contact lenses and binoculars, anc wide range of items for the ophthal-mo st and ophthalmic optician.

Ha tta, Ltd. D. 55

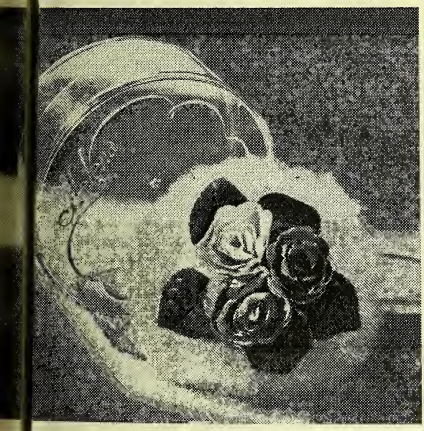
I played on the stand is a range of toil preparations, perfumery, dentifrices anc harmaceutical preparations. Speci-all atured are McWade's products, and Ma n Moore's witch-hazel jelly.

Ha ia, Ltd. C. 35

company manufactures ultra-violet rac ion equipment for scientific and me al purposes, laboratory lamps for flu scence analysis, Alpine sun, Centrosol an romayer medical lamps.

He a Products, Ltd. D. 38

display are toilet sundries including po r puffs, toilet bags, face towels, etc.



H ingway & Co., Ltd. B. 8

hemicals of the company's manufacture o display include arsenic acid, arsenic m l, calcium arsenate, copper arsenate, c er carbonate, copper oxychloride, lead a nate, lead nitrate, orpiment, Paris g n (copper aceto-arsenite), etc.

Henderson Bros., & Co., Ltd. J. 23

The range of Hygex hair brushes shown includes samples made in Nylon and bristle, and wire-pin rubber-cushion types, with handles in plastic or wood.

Herts Pharmaceuticals, Ltd. D. 6

The company is showing its range of Nivea toilet products, including Nivea Creme and Nivea skin oil, Sleek plastic adhesive strapping, adhesive plasters, bandages and dressings and self-seal tapes. Featured among the company's pharmaceutical specialities is Paramisal (a preparation of sodium para-amino salicylic acid).

Holborn Optical Co., Ltd. C. 57

The company are manufacturers of spectacle frames and parts in cellulose acetate and cellulose nitrate. Also shown are ranges of sun-glasses, ophthalmic instruments, etc.

L. B. Holliday & Co., Ltd. B. 30

A range of dyes, intermediates and textile chemicals is shown. A new type of "optical" bleaching agent, Blancol, is stated to possess excellent whitening properties for animal fibres, and for artificial fibres such as Nylon, cellulose acetate, etc.

E. R. Holloway, Ltd. K. 85

Shown on the stand is an extensive range of hair combs, including the Barnet series. Other fancy moulded articles displayed include the Barnet combined comb and shoe horn.

Hollywood Permanent Waves D. 36

Products shown include the Hollywood wire-less sachet, reagents and outfits for cold permanent waving, Sun-Ray hair shampoo and conditioning creams, Curly Top setting lotion and a range of brilliantines and hair creams.

Hough, Hoseason & Co., Ltd. D. 9

The company is showing its extensive range of packed proprietary pharmaceutical products, children's remedies, concentrated drugs and pharmaceutical chemicals.

Howards & Sons, Ltd. B. 24

Chemicals shown include lactates, fatty alcohols, salicylates, quinine, and hydrogenated products. A range of fine and technical chemicals for the pharmaceutical, cosmetics, foodstuffs and many other trades is featured.

John O. Hunt & Co., Ltd. B. 51

Refined and crude disinfectants are featured. Also on show are insecticides, perfumed atmospheric germicides and soapless liquid and powder detergents.

R. F. Hunter, Ltd. C. 75

Photographic accessories of all types are shown, including Purma cameras, Wasp enlarging equipment, Metrovick exposure meters, Mega-Flash electronic equipment and Rossite colouring outfits.

Hy-G-Nic Paper Handkerchief Co. M. 38

Displayed at the stand are face tissues, paper handkerchiefs, drinking straws and crepe paper.

Ilex Supply Co., Ltd. D. 43

Page-Barker's scurf and dandruff lotion, hair tonic and shampoo Snaps are featured. Also on show is a range of hair tonics and lotions and massage and vanishing creams.

Ilford, Ltd. C. 66

The stand features an extensive range of photographic material and equipment, including films, plates, papers and *x*-ray films, films and plates for photomechanical processes, studio and darkroom equipment, cameras and enlargers, photographic chemicals, densitometers and photometers.

Imperial Chemical Industries, Ltd. B. 18/27

The company's main stand is devoted this year to illustrating, by means of models, photographs and coloured transparencies, the work of the company's general chemicals division, and how its many products, based principally on chlorine or sulphuric acid, are employed in industry and in daily life. Of special pharmaceutical interest is Trilene, a purified form of trichlorethylene. Other products featured in the exhibit are fertilisers based on sulphuric acid, and Gammexane insecticides.

J. G. Ingram & Son, Ltd. D. 10

A wide range of goods of interest to buyers of hospital and chemists' sundries includes enemas of all descriptions, particularly the seamless Perfex. Ingram's new type hot-water bottles, water beds, air cushions, ice caps, vaccine caps, corks (of all sizes and in many styles), cut sheet tubing and bed sheeting are also shown. A special feature is a display of babies' feeding bottle teats and valves, including the Spiral Band teat and valve.

James A. Jobling & Co., Ltd. S. 8 and S. 40 (Earls

Products shown include Pyrex s glassware for laboratory use.

Johnsons of Hendon, Ltd.

Johnsons of Hendon, Ltd., sho complete range of photographic ch and apparatus. The Johnsons Col outfit, by employing chemicals sin those used in modern processes of photography, provides a means ducing monochrome prints in an e variety of pleasing and original col special colour-coupling developer to which is added, just before use, tity of Johnsons Colourform.

Kaylene, Ltd.

Exhibits to be shown on this co stand include: camphoric acid, phen, B.P., and its sodium salt; sium trisilicate, nitron, stannous s trichloracetic acid and sodium tric tate (for use as a herbicide), and semicarbazide, Kaylene and Magso

Keenes Laboratories, Ltd.

The company is showing Pero hand and nail cleaner, Keenes nail Keensan tonic tablets, dental stic Numol body building food. Oth ducts featured are surgical anti Proctor's pinelyptus pastilles, H ointment and Watkinson's liquoric

Kemball, Bishop & Co., Ltd.

On display is a complete range company's products: tartaric acid, acid, itaconic acid, cream of tartar, potassium tartrate, lithium salts, gluconate, etc. Production of all itaconic acid is now sufficient t reasonable demands.

Kodak, Ltd.

Cameras shown by the company the Baby Brownie, the Six-20 Ko (three models), the Six-20 folding B (in fixed focus and focusing model 20 Brownies (a range of box came beginners) and the Brownie Refle prototype of the new Kodak camera (production for export is p for mid-summer) is on show. Al played are cine-cameras and proj the Kodaslide projector, enlarger posure meters, spotlights, the Ko speedlamp and developing and p equipment.

Chemicals, Ltd. **B. 42**

ompany are exhibiting several new in addition to their established of synthetic detergents, wetting plasticisers and fatty esters.

Chemicals, Ltd. **B. 37**

cial feature of the company's stand play of hydrogen peroxide. Also are sodium percarbonate, sodium e, persulphates, barium com- barium carbonate, barium chloride, sulphate (*x*-ray), etc.

Manufacturing Co. **D. 36**

au de Cologne and lavender water, lts in a variety of packs, floral s, liquid soap shampoo and a range articles are shown.

Brothers, Ltd. **C. 127**

company's exhibit includes the Lux- mont and the Luxwel-Rimway opti- intings, made under licence to the ations of the Numont Co., Ltd.,

rth Scientific Instrument Co., Ltd. **C. 59**

company manufactures and designs and scientific instruments and quipment for research and indus- oratories.

& Co., Ltd. **K. 41**

t brushes, brush sets, combs, travel r men and women and manicure shown.

acfarlan o. **B. 31**

ured at the are Keith's etic ether, hlor o f o r m ly purified æsthetic use. rm specialises alkaloids of nux vomica, and offers ine (a pre- on of the alkaloids of). A range of harmaceutical cals, standar- extracts and inal resins, nine and its etc., are being d.

Macleans, Ltd. **D. 2**

The company's well-known range of pharmaceutical and toilet products is on show. It includes tooth-paste, solid dentifrice, tooth-brushes, shaving-cream and hydrogen peroxide, Maclean brand stomach powder and tablets, Maclean antiseptic throat sweets, Fynnon salt and Lucozade.

Manesty Machines, Ltd. **D. 21/22**

In addition to Manesty E.2 and F.3 tablet machines, the company shows a new large rotary tablet machine, the R.S.2, suitable for tablets up to $1\frac{3}{8}$ in., a new single-stroke tablet machine, No. 2C, for tablets up to $1\frac{1}{2}$ in. diameter, and the S.P.1.

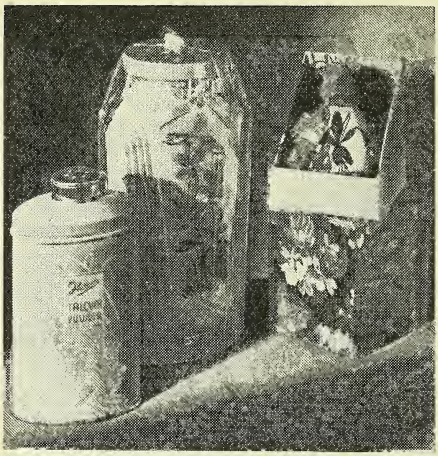
Marchon Products, Ltd. **B. 23**

The manufacture of sulphated primary alcohols (e.g., sodium lauryl sulphate) has been greatly expanded. Triethanolamine lauryl sulphate and other primary alcohol sulphates are available.

Leslie Marks & Co., Ltd. **D. 45**

Marksman brand sponges for toilet, bath and surgical purposes are being shown on the company's stand, together with counter and window containers to facilitate retail display. Marksman tinted, natural sea sponges in attractive pastel shades and individually packed in transparent containers, and Marksman chamois leathers are also on view.

The Colourform outfit, being displayed by Johnsons of Hendon, Ltd.



Some of the toilet preparations shown by the Abietsan Manufacturing Co., Ltd.

C. F. Marshall & Son, Ltd. **J. 33**

The company is showing a selection of tooth, hair and nail brushes.

E. N. Mason & Sons, Ltd. **C. 78**

Arclight photographic equipment and Criterion sensitised materials are being displayed.

May & Baker, Ltd. **B. 47**

The company is showing its extensive range of chemicals and chemical products, including products for medical, veterinary and pharmaceutical use, laboratory chemicals, photographic products and chemicals, horticultural products, aromatic compounds and chemicals, plastic film, and a wide range of fine chemicals for industrial use.

Mayborn Products, Ltd. **D. 16**

Dylon all-fabric dyes for any material (including Nylon, acetate rayon, plastics and other so-called "undyeables") are shown.

Medical Bottle Supplies, Ltd.
Earls Court, S. 7

Medical and surgical glassware, lamp-blown glassware for laboratory use, bottles, ampoules, vials and test tubes, etc., are shown.

Metal Box Co., Ltd.
D. 18 and Earls Court T. 1

The company manufactures packaging items in an extensive range and representatives are at the stand to give information and advice on packaging problems.

Methylating Co., Ltd.

The company manufactures in and mineralised methylated spirit range of alcohols for use in many m turing processes.

Ministry of Supply **C. 20 ar**

The Ministry's stand is designed trate a specific phase in the pro measurement and application of a radioactive isotopes, and their use i cine, research and industrial contro

Monsanto Chemicals, Ltd.

Chemicals featured by the comp clude phenol, cresylic acids, pure phthalic anhydride, plasticisers, be salicylates and many other pharmace flavourings, preservatives, germicide septics, oil additives, dyestuff intern and coal-tar by-products.

Munro Vitarex, Ltd.

Charmony bath salts, eau de C face creams and powders, friction creams, lipsticks, permanent-wavi agents, perfumes, soapless shampoos.

Newton, Chambers & Co., Ltd.

The company's range of Izal prod show includes antiseptic soaps and a tic cutting oils for industrial purpo for use in public hygiene.

Nipa Laboratories, Ltd.

Exhibits shown by the company i their established products such as vatives, antiseptics and antioxidant plied under the trade names, N Nipasol, Nipacombin, Nipasept, Ph tol and Progallin. Also shown are hydroxy- and meta-hydroxy-benzoate lates, aromatic glycolethers and som products recently developed.

G. Nissel & Co., Ltd.

The company manufacture plasti glass contact lenses of any design. S cal, individual wide angle, fundus ination, gonioscoy foreign body l and corneal contact lenses, are disp

North British Rubber Co., Ltd.

A wide range of rubber goods inc hot-water bottles, air cushions, water hospital footwear and combs is shown Nu-Rest horseshoe-shaped air ring, duced last year, is stated to have p a ready-seller.

orth & Sons, Ltd. Earls Court R. 73

ompany manufactures all types of l gloves and protective creams im- to acids, alkalis, oils, spirits and s generally.

ing, Ltd. C. 43

ces for analytical, chemical and emical work are shown.

d Engineers, Ltd. B. 44

ge of homogenisers for the chemi- ustry is being shown, extending hand-operated model, suitable for mples and laboratory tests, to a machine delivering 100 gall. per

& Neden D. 36

isplay are styptic pencils, Kolene fix hair dressings, Darcreme hair- ng cream, scurf cure, etc.

n, Edwards, Ltd. N. 149

olders and invalid chairs are among isplayed.

anufacturing Co. (London), Ltd. C. 116

ddition to lens-moulding, grinding, and edging machinery, the com- showing optical, dental, surgical, dy and hairdressing equipment, instruments, lenses and prisms.

ontrol, Ltd. B. 1

products shown include Pestox III, ticidal spray that penetrates into p and travels to the tip of each nd bud, making the whole plant us to plant-feeding insects, and , selective weed killer and "the to the problem of weeds in peas."

hemicals, Ltd. B. 17

nical staff will be on duty on the ny's stand to provide visitors with tails of the chemicals available from ant at Partington, nr. Manchester, is now in production. The als include: solvents for paints, isers and solvents for rubber, poly- aromatics for dyestuffs manufacture; organic compounds, etc.

x (London), Ltd. C. 79

tographic apparatus of the com- manufacture is on display, includ- ighting and dark-room equipment, holders, lens hoods and caps, print rs, developing tanks, electronic tim- nlargers, etc.

Perihel, Ltd. C. 109

The items displayed include ultra-violet and infra-red ray-therapy appliances, including the Mixray (illustrated), now available with telescopic radiation arms. The model combines both infra-red and ultra-violet in separate adjustable reflectors and a 600-watt infra-red generator; it operates on a.c. or d.c. mains. The mercury-vapour discharge ultra-violet generator covers the whole of the biologically valuable ultra-violet wave-lengths, including the important vitamin-D-creating middle wave-band.

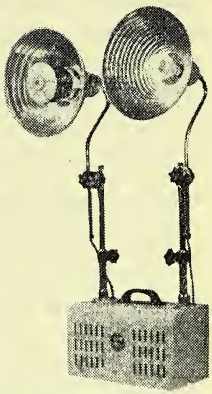


Photo Developments, Ltd. C. 76

Enlargers, band and plate tanks, masking boards, filters, condensers, film sheaths and photo-flood reflectors are included in a range of photographic accessories.

Phototechnics, Ltd. C. 84

The goods on display include photographic equipment and accessories, among them the Megaflash electronic flash gun, photographic timers, studio lighting equipment, photographic chemicals, etc.

Pifco, Ltd. C. 107

The Pifco vibratory massager and the Pifco electric heat massager are shown. The heat massager is simple to use and suitable for a.c. or d.c. 200/250 volts. The electric vibratory massager has an ivory plastic body, for use with a.c. current 200/250 volts.

Plastic Pulpware, Ltd. K. 49

A range of pulpware papier mâché articles displayed includes baby baths and chambers.

Potter & Clarke, Ltd. B. 21

Exhibiting at the Fair for the first time, the company (founded in 1812) is showing galenicals and medicinal preparations of vegetable origin sold under the Winged Lion trade mark; fine chemicals (particularly iodides, citrates and iron salts); soft soap and isolates obtained from natural essential oils.

Polarizers (United Kingdom), Ltd. C. 101

The company produces sun-glasses, sun-shields and other products incorporating Polaroid light polarising material.

Potter & Moore, Ltd. D. 65

A full range of proprietary perfumery and cosmetic specialities manufactured by the company is on display, including lavender water, talcum powder, toilet soap, eau de Cologne, powder cream, lipsticks, brilliantines, bath crystals, etc.

Potters (London), Ltd. H. 464

Shop and display fittings, examples of silk-screen printing, price tickets and labels are included in the exhibit.

Poulten, Selfe & Lee, Ltd. C. 24

The exhibit includes medical, surgical and scientific glassware, glassware for chemists, blood-test apparatus, etc.

James Powell & Sons (Whitefriars), Ltd. Earls Court, S. 31

Examples of scientific and medical glassware, tubing and rod of the company's manufacture are included in the exhibit.

Prince Regent Tar Co., Ltd. B. 43

As bulk manufacturers of all types of carbolic and pine disinfectants, sheep and cattle dips, lysol, B.P., etc., the company is showing examples of its products.

W. R. Prior & Co., Ltd. C. 34

Microscopes, accessories for scientific instruments, research instruments for the medical profession, dissecting microscopes and metallurgical equipment are shown.

Progress Shaving Brush Co., Ltd. J. 22 and 24

Shaving brushes of all grades are on display, including the Vulfix range.

Pullin Optical Co., Ltd. C. 68

Photographic range-finders, enlarging lenses and magnifiers for scientific use, and 35 mm. film and slide projectors for visual education are shown.

Quickfit & Quartz, Ltd. C. 133

The company manufactures interchangeable laboratory glassware and industrial plant in glass, and has experts at the stand.

Ramer Chemical Co. D. 58

The company is exhibiting pastel-coloured toilet sponges and Disco industrial sponges made from synthetic resin, and available in five sizes and four shades.

Rejafix, Ltd.

The latest Rejafix fully-automati ampoule- and tube-printing machi be seen in operation on the co stand. The machine transfers a p to the surface of the ampoule or tu

Reliance Rubber Co., Ltd.

A large range of seamless mould ber hot-water bottles in a variety signs and colours will be supplemer various cured moulded rubber artic

T. A. Reynolds, Son & Wardale, Ltd.

Scientific instruments, barometers mometers, etc., are included in the

Roberts' Croupline, Ltd.

The products shown include R Croupline cough syrup, Fam-lax l tablets, ointments and toilet prepara

Rubber Latex, Ltd.

The display includes latex for a poses including dipped goods, m toys, can sealing, adhesives, etc.

St. Andrew Mills, Ltd.

On show are various toilet tissues the company's brand names Andrex, ritan, Marvo, Stanex and Androl, as Andrex facial tissues, Stanex handkerchiefs, paper towels, cellulos ding, packing and felt, wadding filter ding creped tissues, and Camelia s towels.

Frank Sammeroff, Ltd.

On view are adhesive dressings (plasters), bulk adhesive Frank's d and strips, B.P.C., and hospital ba in all sizes and complete first-aid and refills.

Sangamo Weston, Ltd.

Sangamo Weston, Ltd., are exhi a range of electrical measuring instru including laboratory standard, movi and dynamometer instruments.

Satona, Ltd.

Manufacturers of Satona hy waxed containers, the company are ing examples suitable for liquids, liquids, powders and solids.

R. M. Scott (Ipswich), Ltd. Earls Court,

Among a range of biscuits shown b company are patent charcoal med biscuits and Rich Radiant Health bis

Instrument Manufacturers' Asso- of Great Britain, Ltd. **C. 20 and C. 39**

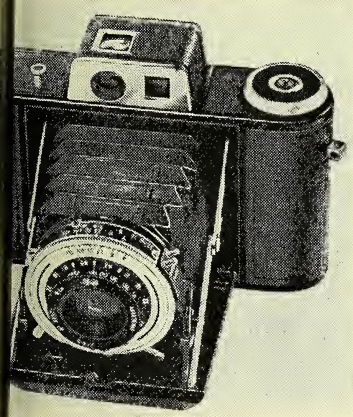
Association comprises ninety-five firms covering the whole range of instruments and laboratory ap-

Brush Co., Ltd. **J. 11**

and toilet brushes and fitted dress- are included among the goods

Sessions, Ltd. **D. 13**

les of the company's cosmetic, toi- perfumery packaging and display self-adhesive labels, embossed els by relief stamping, letterpress graphic printing methods, display nd display material are shown.



old camera, shown by Agilux, Ltd., on Stand C. 77

th, Ltd. **D. 47**

range of Shadforth brand pharma- and medical preparations is on

Zee-Kol Co., Ltd. **D. 51**

company's proprietary specialities, shaving cream, Zee-Kol ointment, ream and Zee-Kol soap are shown.

hemical Manufacturing Co., Ltd. **B. 13**

mical products derived from petro- agricultural and horticultural pro- detergents, wetting agents, fly fungicides, insecticides, larvicides, re manufactured by the company.

A. Simpson **J. 13**

Badger shaving brushes in ivory, horn, non-split handles, etc., are displayed, including the Bajer and Simie, Alexsim, Simbal, and Wee-Scot brands.

Skuse & Co., Ltd. **D. 39**

A selection of dental and toilet preparations, cosmetics and medicinal products is being shown under the brands of Skuse, Lemaire, Jean Adaire and Dr. Wilson's. Skuse's peroxide dentifrice in three-colour metal containers and Skuse's triple-strength dentifrice are among them. Other exhibits include a range of hair preparations packed in bottles, jars and tins; a range of toilet waters and perfumes; toilet and talcum powders in decorated tins.

Slip Products, Ltd. **D. 50**

A range of cleaning and polishing preparations shown includes Slipcofoam soap substitute, Insectoslip veterinary and household insecticide and Slipco brand insect repellent.

T. & H. Smith, Ltd. **B. 9**

The company is exhibiting a wide range of pharmaceutical products in addition to many of the alkaloids and fine chemicals for which it is renowned. Full details will be available of Methadon high-potency synthetic analgesic, now being produced by the company.

T. J. Smith & Nephew, Ltd. **B. 52**

Dressings and specialities manufactured by the company are exhibited, including Elastoplast and Tensoplast products, waterproof Elastoplast, Gypsona plaster of Paris bandages, Jelonet, Visco paste, Ichtho paste, Zoff, Paragon rigid plasters, all types of first-aid requisites, and Lil-lets sanitary tampons.

Souplex, Ltd. **Earls Court, X. 30**

Safety razors and blades are included with plastic toilet articles, advertising novelties, etc., manufactured by the company.

Sparklets, Ltd. **D. 24**

Products on view include the new Streamline model syphon (chromium plated or enamelled metal body, with contrasting colour bands to match head in syphon; it is obtainable in five colourful finishes and supplied complete with a drip tray), Standard model syphon with glass vase, Sparklets bulbs and spare parts for earlier models are also shown.

Peter Spence & Sons, Ltd. B. 20

The company's exhibit features the uses of alum, aluminium sulphate of all grades and strengths; aluminium hydroxide, B.P.C., Neosyl amorphous silica; titanous sulphate and chloride, activated alumina (used in chromatographic analysis); aluminium chloride for use in toilet preparations, etc.

Spencer, Chapman & Messel, Ltd. B. 46

For eighty years the company have been manufacturing commercial and pure acids and fine chemicals for the industries of the world. From its modern plant at Silvertown, oleum, sulphuric, hydrochloric, battery and dipping acids and distilled water are supplied for use in every type of manufacture.

C. A. Stokes & Co., Ltd. D. 36

On show are the Susan Sayers range of hand-made beauty specialities, Eclipsol hair and scalp rejuvenator, hair growth forcer, shaving-soap, talcum powder, ointments and hair cream.

Surgical & Manicure Specialities, Ltd. H. 103

Surgical and manicure instruments on display include scissors, tweezers, forceps, manicure sets and manicure files.

Surgical Equipment Supplies, Ltd. C. 115

A range of equipment, including electric and non-electric sterilisers, bronchitis kettles, etc., for the pharmaceutical, veterinary, medical and dental professions is on view, including a steriliser, jacketed entirely in plastic, with automatic cut-out and pilot light, and a molten-metal steriliser (designed for use by the dental profession).

Swan Mill Paper Co., Ltd. M. 129 and N. 40

The company are manufacturers of a range of paper products, including toilet rolls, interleaved toilet tissue, paper handkerchiefs, etc.,

Tanks & Linings, Ltd. Earls Court, X. 39

Manufacturers of tank linings in Bituplastic and chemically-proof wares and cements, the company has representatives at the stand to advise on tank installations for the chemical and other industries.

Thermos (1925), Ltd. K. 96

Thermos vacuum flasks, jugs and jars, are shown in a wide variety of designs for various purposes.

Tintex Dyes, Ltd.

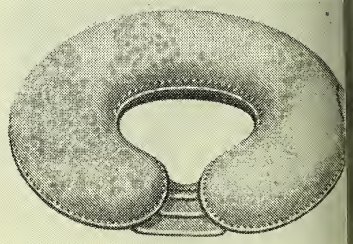
The Tintex range of thirty-two including three new shades—crear fodil and flame—suitable for ever of fabric, are on view.

Tintometer, Ltd.

A new *p*H-testing kit feature ha produced to measure *p*H values o range from 3-11 (in steps of 0.2) compact and ready for immedia

J. W. Towers & Co., Ltd.

New items of scientific laboratory ment on view include a new model air-damped balance, a modificati model No. 100. Only four riders ar The capacity is 200 gm., and the sen is 1/10 mgm. The balance gives reading to 1/5 mgm. and requires of no weights below 1 gm. Also sho Isomantle flask heaters, Isotopmantle structed to be placed in position disturbing apparatus already asse and Isojackets, useful for heating tionating columns, etc.



Nu-Rest Air Ring manufactured by North Rubber Co., Ltd., Edinburgh.

Townson & Mercer, Ltd.

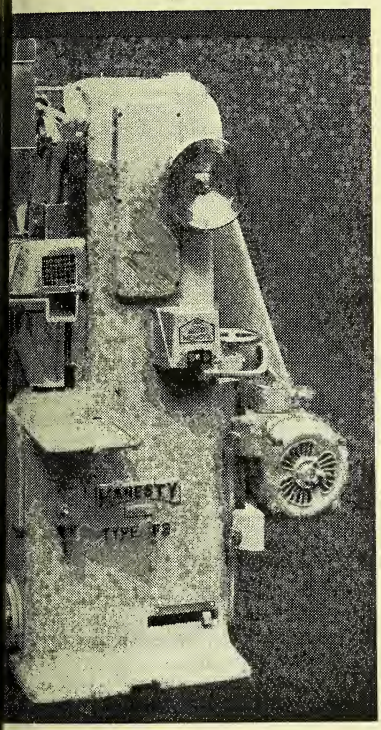
The company manufactures sci apparatus for research and control specialises in accurate constant-tempe baths and ovens, moisture testers, gra ing glassware and laboratory furnitu

Thomas Tyrer & Co., Ltd.

Representatives of the company ar sent to give information about the and technical chemicals manufactur the company for analytical, pharma cal and photographic purposes, incl salts of bismuth, cobalt, copper, n potassium, sodium and zinc. Other ducts dealt with are acetates, bro citrates, iodides, stearates, ethers and preparations and nickel catalysts.

& Son, Ltd. **D. 42**

haceutical capsules, medical and ry preparations, tablets, pills, fine ls, oils and vitamins are included any specialities of the company on



nesty F3 tablet machine being displayed by Manesty Machines, Ltd.

, Ltd. **D. 20**

full range of Veedip latex sur- products, including surgeons' gloves, ortem and obstetric gloves and ets, diagnostic stalls, skin cots, surgi- bing, vaccine caps, medical teats, ter bottles, etc., is shown.

e Development Co., Ltd. **D. 19**

plays at the company's stand illus- some of the colourful and useful cts of the Viscose process. Viskap Viskring self-sealing closures are on a range of bottled products, in- g serums, perfumes, stock solutions roprietary articles. Also shown are ex low-priced cellulose sponges in a of colours, sizes and textures.

Vogue Vanities, Ltd. **H. 422**

The display is of vanity cases, powder boxes and lipstick cases in metal.

Thomas Ward & Sons, Ltd. **H. 201**

The company's Wardonia safety-razor sets and blades and St. Leger safety-razor blades are among a range of cutlery products exhibited.

Warm-Glow Co., Ltd. **C. 125**

Warm-Glow electric blankets, the company's main exhibit, were first marketed in 1934; the blankets are claimed to be the first manufactured in Britain without thermostats.

Watford Chemical Co., Ltd. **B. 16**

Exhibits include bulk and retail packs of sulphanilyl mandelate, guamide of sulphaguanidine, sulphathiazole and sulphadiazine (tablets and powder); Pillodines (silver-coated activated iodine compound), Anascabex (a penta-methylene-thiuram sulphide preparation for scabies), Neo-Anascabex: (with benzyl benzoate, for scabies and lice); DDT compound insecticide powder (liquid spray, spray powder and ampoules); hormones in bulk, ampoules and tablets, wetting agents, fine chemicals, etc.

W. Watson & Sons, Ltd. **C. 4**

Research microscopes for industry, medicine and teaching are shown, together with cameras, lenses and scientific instruments manufactured by the company.

William A. Webb, Ltd. **C. 54**

On display are microchemical, analytical and precision balances, pharmaceutical and dispensing balances and scales and similar apparatus.

Wellington (Biological) Models **C. 123**

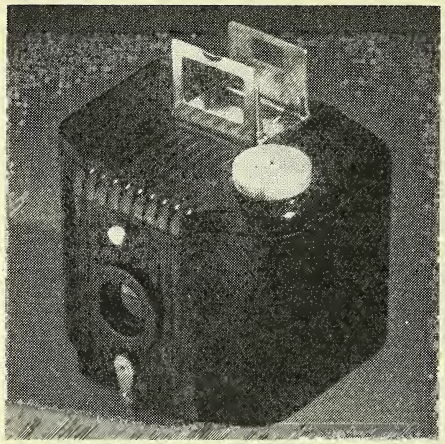
Human anatomical models and biological models for use in hospitals and colleges are shown.

Whiffen & Sons, Ltd. **B. 22**

Subjects of the display are the bromides, iodides and other chemicals manufactured by the company, including alkaloids, camphor, thiourea, glandular products, essential oils and the specialities Cardophylin, Lachesine, Staniform and Gelozone.

Wilkinson Sword Co., Ltd. **H. 356**

Hollow-ground safety razors, dry shavers, microtome knives and nail pliers are examples of many cutlery products exhibited.



Baby Brownie camera displayed on the stand of Kodak, Ltd.

Williams (Hounslow), Ltd.

The display includes aniline dyestu all products including oils, waxes, nishes, polishes and cosmetics, and a of harmless edible colours.

Wood Bros. Glass Co., Ltd.

Earls Court

Specialised glassware, of which the pany are among the principal mar turers, is on display; it includes labo and lamp-blown scientific apparatus, tainers for perfumes, toilet preparation

G. H. Zeal, Ltd. **C. 29 and**

Clinical thermometers feature stron the company's exhibit.

Zenobia, Ltd.

On display are the Zenobia ran Lily of the Valley and other true f perfumes, beauty products, toilet soap

MECHANISED ACCOUNTING FOR THE SMALLER MANUFACTURER

Concluded from The Chemist & Druggist, *April 23, p.* 535.

Sales and Purchase Analysis

A simple method of dissecting sales, purchases and expenses under various headings is known as the "exhaust" method. A record card is maintained in respect of each analysis heading, and is ruled to show "Total for the Day" and "Total to Date." The operator sorts the invoices, so far as possible, into analysis order, and then proceeds to list all items under a given heading, arriving at a total, which is printed in the first column of the record card. The operator then brings forward the previous progressive total and the machine computes and prints the total to date in the final column of the card. Other items are dissected in the same manner, and at the completion of the work the machine is found to have accumulated a grand total of all items dissected, which is carried to a control card similar to the individual analysis card.

Cheques and Payments Cash Book

All unnecessary duplication of work is avoided if cheques and the payments cash sheet are prepared simultaneously. The cash sheet is inserted into the back-feed of the machine and the cheques (in perforated strip form) in the front feed where they may be aligned independently. The modern cheques, where all data are written along one line, make possible the pr tion of a single-spaced cash sheet which the amount in words need appear. This provides a compact economical record. During the ch writing work, which should be ca out in ledger order to facilitate the pc operation, the machine accumulates matically a total of cash paid and dis taken, which can be used later in pr the correctness of the relative pur ledger postings.

Simplifying Wages Work

For a long time wages work has growing more and more complicated the type of staff needed to deal wi more and more difficult to obtain. B machine method a system has been ev that can be carried out with great savi time and without specialised staff. preparation of the wages sheet or pa itself results in the simultaneous pr tion of:—

1. An earnings and income-tax r for each employee, giving week-by- particulars of gross pay, income tax and paid, and deductions. This the place of the official P.9. form.
2. An advice slip for each empl giving him full details as to the m up of his pay.

pay envelope overprinted with s of pay, hours, etc., should this referred to the advice slip.

ecimens were illustrated last week. posting method is as follows. The medium is arranged in correspond- er to the wages and income-tax re- rds. The wages sheet and advice slip, ved and faced with carbon paper, n locked round the platen of the ing machine. The wages and -tax record-card for the first em- is fed into the machine in front of ges sheet and aligned to the next print. The employee's name is filled the typewriter of the accounting e, the week's gross wage is entered, vious week's cumulative gross wages is entered from the last entry on ord card (which is directly in front machine operator in his line of and the machine then automatically s the gross wages to date. The e now proceeds to arrive at the t of income-tax due or refundable ording the tax-free earnings from a according to the employee's code r or from details already printed on ord card. Next the taxable earn- e automatically produced from the e by mechanical subtraction of tax- arnings from the total gross wages . Reference to a tax table gives the t of tax due to date on the taxable gs figure produced by the machine previous operation. The machine ubtracts the "total tax due" from axable earnings" and prints out the t tax deduction or refund. Now fol- e recording of all standard and non- rd deductions, which the machine atically subtracts from the gross (still held in the machine and already d by the amount of tax due). The of a balance key results in the auto- extension of the net wage and the etion of work in respect of the first yee. During this work the machine ing totals of the columns, which can ared from the machine at the end of n of work. There are many possible ions of this method to suit the specific rements of any particular wages n.

s Records

res records are of the utmost import- in a manufacturing concern, and a e type of stores record card showing ity and value may be used for raw material and for finished stock. A ledger card is opened for every range, commodity or article carried in stock. To this are posted all receipts into stock of the item, a balance in hand being automatically extended by the machine. From that balance are subtracted all issues from stock, either for manufacture or sale, the machine extending a correspondingly reduced balance of stock in hand. The ledger card then provides daily the exact amount of a particular item, both in quantity and value, which should be in stock. A spot check of stock items at varying intervals then demonstrates whether there are any leakages. In spaces at the top of the card the minimum and maximum stocks allowable for each item are shown, together with all other necessary data such as time taken for delivery, supplier's name, etc. The advantages of an efficient and up-to-date stores record system are:—

1. Any drain on the stock through pilfering or theft is revealed, enabling steps to be taken to prevent further leakage.
2. Under-stocking is avoided—a most important consideration where delivery of materials may take weeks or even months.
3. Over-stocking is also avoided, with the consequent saving of liquid assets from being tied up in stagnant stocks. Over-stocking becomes of prime importance when the stocks concerned are perishable or deteriorate when stored too long.

Choice of Machine

The choice of the right type of machine often presents difficulties because all machines have good points. Several items need consideration:—

1. In a small firm a single machine may be required to carry out all the work. The most important feature must therefore be flexibility (that is, the ability to change the machine operation without undue effort).
2. If description is required the machine must be equipped with a typewriter.
3. The machine must be easy to operate. With present-day staff difficulties it is inadvisable to buy equipment that only highly trained operators can use.
4. The general service rendered by the company marketing the machine should be considered. Good service ensures the best use of the machine and constant advice on the latest methods.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale ntities of standard quality. Prices of crude drugs and essential oils vary as to brand or

28 Essex Street, W.C.2, April 27

THE markets for PHARMACEUTICAL and FINE CHEMICALS have been rather quiet during the past week with a slackening-off of export call and business on home-trade account small. Prices are unchanged on the week but it is understood that rates for a number of products are at present under review by manufacturers. Inquiry for BOTANICAL DRUGS has been confined to a small number of articles. ERGOT is difficult to find on the spot and importers are not disposed to bring in supplies of residual old-crop material. There has been a brisk spot demand for IPECACUANHA and a good forward inquiry is being received. Nicaraguan root is firm at origin. A good call for Alexandrian SENNA PODS is reported, but it is understood that hand-picked bold pods of the required colour are in very short supply, and new-crop material will not be available for some weeks. More interest is shown in SENEGA and forward business has been done at 7s. per lb., c.i.f. A few parcels of frosted Pará TONKA BEANS, held for an improvement in the market, have been selling at 6s. per lb; it is reported that stocks are now at a low level. RHUBARB is a firm market in view of the uncertainty of obtaining supplies from China. Trade circles take the view, however, that prices are not likely to increase to any great extent as stocks are adequate for the current level of demand from consumers. BALSAM TOLU is weak on the spot at 10s. per lb., but the forward market is steady at 9s. 6d., c.i.f. HONEY is in plentiful supply; in the first quarter of this year 68,713 cwt. (valued at £250,567) was imported principally from Australia and to a lesser extent from Chile. It is reported that only small quantities of Jamaican honey will be available during the current six months. The spot market for TRAGACANTH is easier, CARNAUBA WAX, for shipment, is firmer. Brazilian government has decided to finance current crop.

Business in ESSENTIAL OILS has been on a moderate scale at former prices. Quotations from origin for Java CITRONELLA are unchanged but there have been speculative offers of forward shipments at around 6s. 6d. to 6s. 9d. per lb., c.i.f. Holders of GUAIACWOOD OIL have reduced their prices by one shilling per lb. PALMAROSA is difficult to find on the spot and there are few forward offers. Little interest is shown in LAVENDER OILS because of rumours of a further devaluation of the French franc. There are good supplies of OLIVE OIL but demand has fallen off in recent weeks. TEASEED OIL is on open general import licence (from April 20) consigned from China and Hongkong.

U.S. Drug and Chemical R

New York, Ap 22

TRADE in PHARMACEUTICAL and CHEMICALS is slow and no increase volume of turnover is expected unti the summer. Last week the only it which activity could be called brisl ANTIBIOTICS and SYNTHETIC VIT During the week, one produce nounced a 25 cent per lb. advance rates for PARA-AMINO BENZOIC ACID, ing the cost of material in 1,000-lb. $3.75 per lb. PROCAINE HYDROCH U.S.P. was also reduced from $5 to per lb. With trading in BOTANICAL continuing at a very low level, it w ported that domestic primary mark lectors expected to pay less for coll than they did last year. The quest whether this will reduce still furth volume of collections cannot y answered. The downward trend of PEPPER prices was extended a fur cents per lb. during the week to cents per lb. An acute shorta LANOLIN is developing as a result decline in wool imports. Trade circl that prices are likely to increase the next three months; from a curr to 30 cents per lb. the cost of this m is expected to rise to around the 32 level by the end of April, with mo ward adjustments to follow. The I TIAL OILS and AROMATIC CHEMICALS kets are quiet and stocks are descril exceeding requirements; prices ger are still on the decline.

Pharmaceutical Chemical

ACETANILIDE.—Steady. Quotatio 1-cwt. lots in kegs are at 2s. 3d. p for crystals and 2s. 4d. for powder.

AMMONIUM CHLORIDE ,B.P. — S Makers quote 1-cwt. lots at 9½d. per

ARECOLINE HYDROBROMIDE.—Quot are from 44s. 9d. per oz.

ASPIRIN. — Home-trade prices a changed. Makers' quotation for P is 3s. 5½d. per lb. in 10-cwt. lots and per lb. in 1-cwt. lots. Scheduled rat lb. for quantities of 28 lb. and under are: 4s. 6d. (1-lb. containers); 4 (2-lb.); 4s. 4½d. (4-lb.); 4s. 3½d. (4s. 3d. (14-lb.); 4s. 2d. (28-lb.). N month. Rates per 1,000 for bulk su of TABLETS are: Under 5,000, 3s. 5,000 and over, 3s. 7d.; 10,000, 3s. 25,000, 3s. 4d.; 50,000, 3s. 3d.; 10 3s. 2d.; 250,000, 3s. 1½d.; 500,000, 3s 1,000,000, 3s.

BARBITONE.—Base and soluble are o at prices from 42s. to 44s. per lb. A inquiry is reported.

YL BENZOATE.—B.P. is quoted from o 5s. per lb., according to quantity.

X.—Makers' current prices are: uality, granulated, £38 per ton; £39; powder, £39 10s. Commercial £8 per ton less. Packed in 1-cwt. livered carriage paid in Great Brit- 1-ton lots and upwards. Terms do not apply to Northern Ireland.

L CHLORAL HYDRATE. — In good prices are from 17s. 6d. per lb.

EINE.—Makers' prices per lb. are: ID, anhydrous, from 33s. 6d. to l., and B.P., from 31s. 6d. to .; CITRATE, B.P.C., from 18s. 6d. 6d.; SODIUM BENZOATE, B.P., from 26s.; SODIUM SALICYLATE, B.P.C., s. 9d. to 26s. 9d.; SODIUM IODIDE, s. 6d. to 29s. 6d. Assorted orders e booked with the exception of and sodium iodide (theobromine and salts may be included). Con- : 14-lb. and 28-lb. tins free; other s charged extra. Carriage paid on f £20 value and over.

RAL HYDRATE.—Current rates per the home trade are: 1-cwt. lots, lb., 4s. 2d.; 28-lb., 4s. 4d.

RAMINE.—B.P. grade is from 2s. 5d. d. per lb. and 98 per cent. technical 2½d. to 2s. 5d. per lb., according to y.

ROXYLENOL.—Pharmaceutical qual- quoted at 5s. 6d. per lb. in 1-cwt.

ESTEROL.—Prices are from 125s. for semi-refined and from 137s. 6d. s for recrystallised material.

OBARBITONE.—Makers' prices for quantities are from 79s. 5d. to d. per lb. The CALCIUM derivative lable at the same prices as the base.

ERIN, B.P. — Prices are steady. t rates per cwt. are as follows:—

cts t f	Under 1 cwt.	1 cwt. and under 2½ cwt.	2½ cwt. and under 5 cwt.	5 cwt. and under 10 cwt.	10 cwt. and under 20 cwt.
um s off t of	—	1 cwt.	1 cwt.	1 cwt.	2 cwt.
	s. d.	s. d.	s. d.	s. d.	s. d.
..	156 6	152 0	151 0	148 0	147 0
..	153 6	149 6	148 6	145 6	144 6
..	150 6	147 0	146 0	143 0	142 0
..	—	136 0	135 0	132 0	131 0
..	—	—	133 0	130 0	129 0
..	—	—	—	129 6	128 6
..	—	—	—	—	128 0

and under 5 tons (minimum deliv- off contract of 5 cwt.), 14-lb. tins, 28-lb., 140s. 6d.; 56-lb., 138s. drums, 127s.; 2½-cwt., 125s.; 5 cwt., 124s. 6d.; 10-cwt., 124s. 5 ton and upwards (minimum deliveries off contract of 10-cwt.), 14-lb. tins, 141s. 6d.; 28-lb., 139s.; 56-lb., 136s. 6d.; 1-cwt. drums, 125s. 6d.; 2½-cwt., 123s. 6d.; 5-cwt., 123s.; 10-cwt., 122s. 6d. Extra charges are levied for smaller deliveries, ex contract, from 6d. to 2s. per cwt., according to quantity. Refined pale straw industrial glycerin is 5s. per cwt. less than chemically pure. Terms: Carriage and delivery paid. A discount of 2½ per cent. is deducted if paid in one month, or on buyers' regular monthly pay day in the month following delivery; afterwards net. Tins and cases free (not returnable). Drums loaned and invoiced at sellers' current rates and credited in full if returned within four months, carriage forward and in good condition.

HEXYLRESORCINOL.—B.P.C. material is quoted at from 180s. to 185s. per lb.

PHENYTOIN SODIUM.—In good demand at about 35s. per lb.; the base is available at the same price.

POTASSIUM ANTIMONYLTARTRATE.—Quotations are in the region of 7s. 10d. to 8s. per lb. The SODIUM salt is available at about 9s. per lb. for small quantities. OXIDE, B.P.C., is quoted at 6s. per lb.

QUININE.—Steady. Makers' rates (per oz.) to home-trade distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYLSALICYLATE, 6s. to 6s. 6d.; BISULPHATE, 3s. 7d. to 4s. 1d.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE and PHOSPHATE, 5s. 5d. to 5s. 11d.; HYDROBROMIDE and HYDROCHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d.; SULPHATE, 4s. to 4s. 6d.; QUININE AND UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

RESORCIN.—Current prices range from 11s. to 11s. 6d. per lb.; MONOACETATE is from 14s. 6d. to 17s. 6d. per lb., according to quality.

SODIUM LAURYL SULPHATE.—B.P. material is quoted at about 8s. 6d. to 9s. per lb. for small quantities. EMULSIFYING WAX is available at 6s. to 6s. 9d. per lb.

THEOBROMINE.—Makers' prices per lb. are: ALKALOID, B.P.C., from 32s. 6d. to 37s. 6d.; CALCIUM SALICYLATE and SODIUM SALICYLATE, B.P., from 19s. to 24s.; SODIUM BENZOATE, 21s. 6d. to 25s. 6d. Assorted orders may be booked, with the exception of theobromine and sodium benzoate (caffeine alkaloid and salts may be included). Containers: 14-lb. and 28-lb. tins, free; other packages charged extra. Carriage paid on orders of £20 value and over.

ZINC OXIDE.—Prices were reduced by £4 per ton on April 4. New rates per ton for B.P. are: 1-ton lots, £106 15s.; 3 cwt. and over, £107 15s.; under 3 cwt., £109 5s.

Crude Drugs

AGAR.—Kobé strip is offered at from 13s. 6d. to 15s. 9d. per lb., according to quality; South African powder, in tins in cases, 20s. per lb., spot.

BALSAMS.—*Canada* is offered at 21s. per lb., on spot. Pará *Copaiba* (soluble), 4s. 9d. per lb., spot. San Salvador *Peru*, 4s. 8d. per lb., duty paid. *Tolu* is weak on the spot with quotations at 10s. per lb.; shipment, 9s. 6d. per lb., c.i.f.

BELLADONNA.—Jugo-Slav root is quoted at from 3s. 9d. to 4s. 6d. per lb., duty paid, as to test; shipment, 3s., c.i.f. Jugo-Slav leaves (B.P.) are offered at 4s. 2d., duty paid. English leaves are offered at 4s. 9d. (0.546 per cent.) per lb.

BENZOIN.—Sumatra block on the spot is steady at from £15 to £16 per cwt., as to quality; No. 1, at origin, from £16 to £16 10s., c.i.f. Sumatra free almonds are quoted on spot at from £45 per cwt. Siam block, small almond, £118 per cwt., spot.

BUCHU.—New-crop short rounds, on the spot, are quoted at 3s. 10d. per lb.; afloat, 3s. 6d. per lb., c.i.f.

CASCARA SAGRADA.—No improvement in demand; spot quotations are from 170s. to 185s. per cwt., duty paid.

CHILLIES.—Mombasa is quoted at 135s. per cwt., spot; Nigerian, 125s. to 130s., spot; Japanese-type 180s. per cwt., spot.

ERGOT.—Little if any supplies on spot; Portuguese from origin, 6s. per lb., c.i.f., quoted.

EUPHORBIA.—Little inquiry for herb, which is quoted at 7d. per lb., on the spot.

GUM ACACIA.—Steady. Kordofan cleaned sorts, on the spot, quoted at 59s. per cwt.; shipment, 55s., c.i.f. Bleached No. 1, 125s., spot; to arrive, 115s., c.i.f. Talha, on spot, 45s. per cwt.; forward, 39s., c.i.f.

IPECACUANHA.—Nicaraguan on the spot is offered at 23s. per lb. for f.a.q.; March-April shipment, 21s., c.i.f.; April-May, 20s., c.i.f.; May-June, 19s., c.i.f. Colombian, 21s. per lb., spot. Matto Grosso is quoted at 24s. per lb., c.i.f. U.K.

LANOLIN.—A good export inquiry reported. Home-trade prices for B.P. grades are unchanged, as follows: Anhydrous, £120 per ton; hydrous, £100. Superfine anhydrous is quoted at £126 per ton.

LIQUORICE.—Anatolian natural root on spot is offered at from 45s. to 47s. 6d. per cwt.; Syrian, 40s.; Russian, 45s. 6d. to 46s. Italian block on spot is easier at 160s. per cwt.; Italian stick is quoted at 295s. to 560s. per cwt., as to grade. Turkish block is offered at 210s. to 220s. per cwt.; Turkish stick is available at 300s. per cwt. American block is quoted at 150s. per cwt.

MENTHOL.—Firm. Brazil is offered at from 48s. 6d. per lb., duty paid; in bond, 46s. per lb., sellers. No offers from origin.

PODOPHYLLUM. — American (*pel* spot London, 310s. per cwt. Indian (is offered at from 295s., spot; fo 270s. per cwt., c.i.f.

QUASSIA.—Jamaican chips on th are quoted at from 30s. to 35s. per

RHUBARB.—Chinese rough-round, good pinky fracture, is firm at from to 5s. 3d. per lb., duty paid, on the in bond, 4s. 8d. per lb. Second-g offered at around 3s. 6d. per lb., dut

SANDARAC. — Spot quotations 5s. 6d. per lb.; to arrive, 5s. 4d., c

SEEDS.—Prices of ANISE are unch Cyprus is 1s. 4½d. per lb.; Turkish, per lb., duty paid, or 1s. 3d. per bond; all spot London. CARA Dutch is easier. Sellers are quotin per cwt., duty paid, spot London. C —Indian remains quiet with 1s. quoted, spot London or Liverpool. ANDER.—Owing to poor demand th market is inclined to be weaker. M is offered at 35s. per cwt., duty p London; Argentine, spot London or pool, is quoted at 27s. 6d. per cwt paid. CUMIN.—A few inquiries. is 155s. per cwt., spot London. In 157s. 6d. per cwt., spot London or pool. DILL.—Indian is unchang 47s. 6d. per cwt., spot London or pool. FENNEL.—Quiet, no demand. is 67s. 6d. per cwt., spot London or pool. FENUGREEK.—Indian is offe 54s. per cwt., spot London or pool; Morocco in London is quo 53s. 6d. per cwt., duty paid.

SENEGA.—A fair forward busine been done at 7s. per lb., c.i.f.; spot are at 7s. 6d. per lb.

SENNA.—Tinnevelly leaves, spot, from 9½d. to 11d. per lb.; No. 2, 7 8d.; No. 3, 6d. per lb.; Tinnevelly hand-picked, 9d. to 1s. 5d.; manufac 5d. to 6d. Alexandrian pods, hand-p spot, from 4s. 9d. to 5s. 9d., accord quality and seller; medium, 2s. 9d.; facturing, from 1s. to 1s. 9d. pe Alexandrian leaves, f.a.q., 1s. 2d. pe

STROPHANTHUS.—Kombé, 100 per on the spot, is offered at from 11s. 11s. 6d. per lb.

STYRAX.—Supplies are offering at 5s. 10d. to 6s. per lb., duty paid.

TONKA BEANS.—Spot quotations 5s. 9d. to 6s. per lb. for Pará blacks; idad, 6s. 9d., spot; Angostura, 8s.,

TRAGACANTH. — Selected white, o spot, £80 per cwt.; other white g from £45 to £80; pale leaf, £33 t amber, £20 to £25; red, £12; hoggy, £5 to £9 per cwt.

TURMERIC.—Madras finger is quo 110s. to 112s. 6d. per cwt., spot; May shipment is quoted at 92s. 6d.

VALERIAN.—Belgian natural is quo 1s. 9d. to 1s. 11d. per lb., spot.

ential and Expressed Oils

ND.—Sweet oil (B.P.) is offered at 4s. to 4s. 6d. per lb. Bitter essen- on the spot is offered at from to 60s. per lb., as to grade.

E.—Chinese star on the spot is at from 4s. 5d. to 4s. 7½d. per lb., in drums; in tins in cases, 5s. to per lb.; for shipment, drums are t 4s. 4½d., c.i.f.

—Steady. West Indian on the spot d at from 6s. to 7s. 6d. per lb.

—Steady. Spanish oil, B.P., on t is offered at from 3s. to 3s. 3d. pwards.

HOR.—White oil on spot is quoted 2s. 2d. per lb., duty paid; brown n 1s. 9d. per lb., duty paid.

WAY.—English-distilled is offered at s. to 40s.; imported, 27s. 6d. to 30s. as to quantity.

PUT.—B.P. grade is offering at from 25s. per lb., spot. In moderate re-

IA. — Spot quotations are from 15s. per lb.; 10s. 3d., c.i.f.

OR.—Basic price for B.P. quality is 48 per ton, naked ex works.

AMON.—Steady. B.P. oil, 50s. to r lb. Bark oil is offered at 12s. per af oil, on the spot, 7s. to 8s. per lb., uantity.

ONELLA.—Ceylon on the spot is from 3s. 9d. to 4s. per lb.; forward, c.i.f. Java is 9s. per lb., spot, l; shipment, from origin is quoted 9d. to 7s. per lb., and offers from d are at about 7s. 1½d. per lb., c.i.f.

E.—Steady. Quotations for English- d bud oil are at from 10s. 3d. to 11s. according to quantity. Madagascar ed at from 5s. 6d. to 6s. 6d. per lb.

ANDER.—Steady. English-distilled ed at about 250s. to 280s. per lb.

BS.—Steady. Supplies of English- d offered at 55s. per lb.

IN.—Quotations for English-distilled ound 70s. per lb.

IACWOOD.—Spot quotations are at 7s. to 19s. per lb.

ONGRASS.—Spot offers are at around d. per lb.; shipment, April-May, c.i.f.

VE.—Supplies are plentiful but de- has fallen off recently. The import- ssociations' rate is 26s. 2d. per gall. b., ex store, drums included. Addi- charges are added for small quanti- according to costs of breaking bulk, ners, delivery, etc.

MAROSA.—Spot supplies are scarce . 6d. per lb.; forward, 31s., c.i.f.

SEED.—Spot supplies of edible are l at about 22s. per gall. of 9 lb.

TURPENTINE AND PINE OIL

THE Board of Trade announces that resin, turpentine and pine oil reverted to private trading on April 25. Imports remain subject to licence. For currency reasons the use of these materials for certain purposes will continue to be restricted.

Supplies of resin for soap manufacture will be made available by importers and merchants only against certificates issued to soap manufacturers by the Soap Makers' and Fat Splitters' Federation. These certificates must be presented to the supplier at the time of sale, endorsed by him with particulars of date and quantity, signed and returned to the soap manufacturers. Supplies of turpentine will be available for the manufacture of paints, polishes, etc., under special arrangements between the Board of Trade Directorate of Paint Materials and paint manufacturers, or between the Board and the Boot and Floor Polish manufacturers' Association.

Other sales of turpentine, including re-sales, will be limited to medical, veterinary and pharmaceutical purposes. Turpentine must not be sold for paint thinning or general household use. The contract of sale (or, in the absence of a contract, the letter confirming the sale, the invoice or the delivery note issued to the buyer) must bear an appropriate clause, e.g., "None of this turpentine will be used or re-sold other than for medical, veterinary and pharmaceutical purposes." The existing restrictions on the supply of pine oil for use in disinfectants are discontinued.

Imports of these materials will be allowed in the ratio of one ton to every one ton purchased from Government stocks (until these are all sold), available from the United Kingdom Naval Stores Association, Ltd., 46 St. Mary Axe, London, E.C.3. Evidence of purchase, in the form of a copy of the contract issued by the U.K.N.S. Association, should accompany each import licence application. The ratio quantity to be purchased from Government stocks, as mentioned above, is the minimum in relation to new imports. Purchases may, if desired, be made from Government stocks for so long as they are available, without importing. Users wishing to import direct from abroad should attach to their import licence applications any certificates issued by the Soap Makers' and Fat Splitters' Federation, or by the Board of Trade Directorate of Paint Materials, in addition to a copy of the U.K.N.S.A. contract.

COMING EVENTS

Items must be received by the Editor not later than first post on Wednesday of the week of insertion.

Monday, May 2

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Golden Lion Hotel, Romford, at 7.30 p.m. Annual meeting.

Tuesday, May 3

COUNCIL OF INDUSTRIAL DESIGN, Murray House, Petty France, London, S.W.1. Exhibition of Flexible Packaging Materials (continuing until May 31).

Wednesday, May 4

BRADFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Bankfield, Cottingley. Dinner and dance to honour Mr. G. A. Mallinson, O.B.E.

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, West Ham Municipal College, Romford Road, London, E.15 (Maryland or Stratford stations), at 7.30 p.m. Dr. J. H. Wilkinson, B.Sc., Ph.D., F.R.I.C., M.P.S., on "Drugs and their Uses" (first of six weekly post-graduate lectures).

EDINBURGH CHEMISTS' GOLF CLUB. Fixture at Lothianburn, playing for E.C. trophy and Glaxo prize.

SOUTH SHIELDS PHARMACISTS' ASSOCIATION. Visit to Glaxo Laboratories, Ltd., Barnard Castle, leaving South Shields at 1 p.m.

SOCIETY OF PUBLIC ANALYSTS, Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1, at 7 p.m. Papers on "The Colorimetric Determination of Streptomycin B," and "The Chemical Determination of Nicotinic Acid in Food Products."

Thursday, May 5

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Dunelm Hotel, Old Elvet, Durham, at 7.30 p.m. Annual meeting.

LONDON CHEMISTS' GOLFING SOCIETY. Fixture at Hendon Golf Club (Telephone: Hendon 1008).

MANCHESTER PHARMACEUTICAL ASSOCIATION, JUNIOR BRANCH, Council Chamber, Houldsworth Hall, Manchester, at 7.15 p.m. Annual meeting.

MANCHESTER AND SALFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Midland Hotel, Manchester, at 7.45 p.m. Annual meeting and presentation to Mr. G. A. Mallinson, O.B.E. Members of neighbouring branches invited.

PLYMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Goodbody's Rooms, Marina Place, Plymouth, at 7.30 p.m. Annual meeting.

SOMERSET BRANCHES, PHARMACEUTICAL SOCIETY and NATIONAL PHARMACEUTICAL UNION, Cadena Café, Yeovil, at 6.30 p.m. Annual meetings, preceded by visit to factory of Aplin & Barrett, Ltd., at 3 p.m. and tea at Cadena Café at 5.30 p.m.

Friday, May 6

CROYDON PHARMACISTS' ASSOCIATION and PHARMACEUTICAL SOCIETY BRANCH, Café Royal, North End, Croydon, at 8 p.m. Film show. Programme includes "The Filigree Operation for Inguinal Hernia."

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Carpenter's Restaurant, 3 The Pavement, London, S.W.4, at 7.45 p.m. Annual meeting.

WELSH PHARMACEUTICAL STUDENTS' ASSOCIATION. Visit to Glaxo Laboratories, Ltd., Greenford, Middlesex.

TRADE MARKS

(From the "Trade Marks Journal, A

"VITAVEL"; by Vitamins, Ltd., Londo 653,639. "LIQUOID"; by Roche Produc Welwyn Garden City; B653,834. "Co "LACTONECT" and "VENTRINECT Maatschappij Voor Biotechniek, N.V doorn; 663,500, 663,502 and 663,507. TAL" by Pharmaceutical Laboratories Ltd., Parsonage; 666,525. "IQUINO Genatosan, Ltd., Loughborough; I "BABURAN"; by Imperial Chemical (ceuticals), Ltd., Slough; 667,512. TROL"; by British Schering, Ltd., Lond 668,630. View of swimming bath; b Products, Ltd., London, S.W.1; "RESACTOR"; by Magyar Gyogyszer Tarsasag, Szent Istvan-korut; 670,738 pharmaceutical preparations (5).

"HYOTOLE"; by Sharp & Dohme, Ltd., don; 667,792. "VADAREX"; by Pa Ltd., Burnley; 671,758. For all good

"CAB"; by Stanley Zeb Jackson, Ca 668,851. For medicines for the treat bronchitis (5).

"ULFASONA"; by the Wellcome Foundatio London, N.W.1; 669,448. For pharm and veterinary preparations (5).

"LADY HIGH-GENE" and device of woma "High-Gene" disclaimed); by Wimso Keighley; 671,308. For disinfectants (5

"NEOTRON" in distinctive lettering; by T Skinner & Hamilton, Ltd., Glasgow; For scientific instruments (9).

"CARDIOSTYLON"; by Theratronics, Ltd., W.C.1; 668,319. For electrocardiograph

(From the "Trade Marks Journal," Ap

Circle device including letter "A" an (letter "A" disclaimed); by Tide Wat ciated Oil Co., New York; B656,733. dustrial chemicals (1).

"RHODOPAS" and "RHODOVIOL"; by Soc Usines Chimiques Rhone-Poulenc, Paris; and 665,212. For all goods (1).

"BIOMISE"; by Biomisation, Ltd., Saddl 671,964. For fertilisers (1).

"SURF"; by Hodgson & Simpson, Ltd., E.C.4; 666,677. "VANTAGE"; by Wheen & Sons, Ltd., London, S.E.8; For soaps and detergents (3).

"PERMINOL"; by Permal Laboratories, Ltd 668,177. "NIGHT SONG"; by Lentheric London, W.1; 669,215. "MAKEETA"; ram John Witt Chambers, Birmingham; "SYMTONE"; by William McAllan St Fife; 672,253. For non-medicated toil parations (3).

"PIXAFLORA"; by Lownds Pateman, Ltd. quay; 669,640. For non-medicated toil face powders and perfumes (3).

"WROCKWARDINE CONDITION POWDERS" a houette of dog (device of dog disclaim Norman Lloyd Horabin, Henfield; B657,3 condition powders for dogs (5).

When you have a 'family' business

. . . you are regarded by your public as something more than a chemist. From a bewildering range of proprietary names you are able to advise your customer which is the most suitable and reliable product to meet his personal need.

Many of the minor ailments encountered these days are due to Vitamin B_1 deficiency: anorexia, lassitude, "neuralgia" and similar conditions often respond to B_1 therapy.

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In such cases, when a palatable, liquid Vitamin B_1 preparation is indicated, you cannot do better than recommend 'Betaxan' Elixir. It is particularly suitable for slight deficiency of the vitamin in children.

'BETAXAN' ELIXIR

BRAND OF ANEURINE HYDROCHLORIDE

Trade Terms: Bottle of 8 oz. 3/-, Bottle of 80 oz. 24/- subject to 33⅓% discount. Bonus of 13 to dozen for display.

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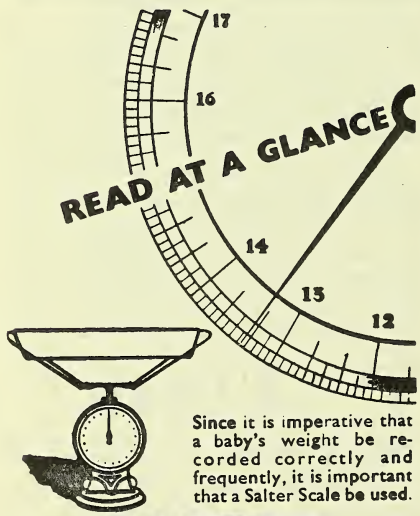
Pre-eminently the Chemist's Brand

Tried and trusted remedy for many years past of coughs and colds.
Obtainable from your usual Wholesaler



Since it is imperative that a baby's weight be recorded correctly and frequently, it is important that a Salter Scale be used.

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Essential Oils

Almond . Aniseed . Bay
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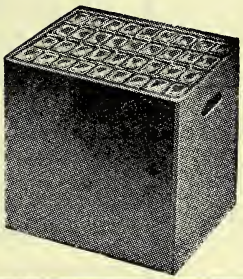
are Strong, Serviceable and Sure-selling

NEATLY PACKED IN 6 DOZEN RETURNABLE CARTONS



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Vials

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Medium and tall types.

ANUFACTURED IN BEST QUALITY
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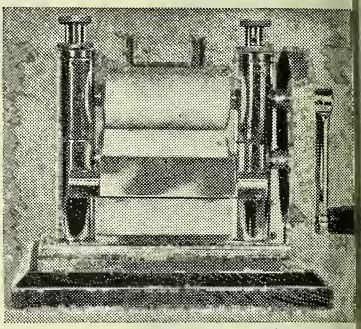
The ADELPHI OINTMENT



For refining small batches of ointment with ease and speed

• *Place the rough mixed ingredients on the top roll and the mill does the rest*

Also Sole Makers of the Adelphi Powder Blender, Autofiller and Bottle Washer

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Once again we shall be exhibiting at the British Industries Fair, but on this occasion in a more promising atmosphere, for, unlike previous years, supplies of

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and most of the

SALICYLATES

are now freely available

To those of our many friends who will be visiting the Fair, we extend a hearty invitation to call at our Stand, No. B57 in the Chemical Section, Ground Floor, Grand Hall, Olympia, where we shall be happy to meet you and discuss your current and future requirements.

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Yes, more and more it's profit-wise to stock and display Tampax . . .

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CLINICAL
The position of the Mercury column
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Hobson's Choice removes Corns in 3 to 7 ys, it is safe, sure and painless. Backed by widespread advertising it has becom the leading CORN CURE on the market to y.

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FOR THE BENEFIT OF YOU THE DISTRIBUTOR!

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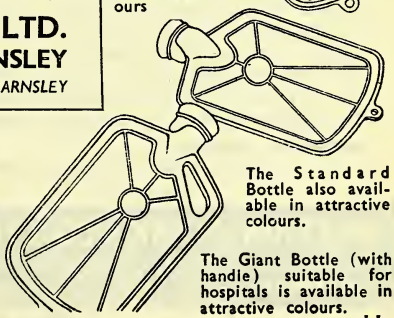
The Suba-Seal Safe Novelty Hot Water Bottle range includes:—Suba-BEAR, Suba-DOLL, Suba-GOLLYWOG, in an attractive range of colours

and the Suba-SOLDIER, Suba-SAILOR and Suba-PANDA. Also available in various colours.

This is the Suba-Cot, a miniature Bottle, embossed with Nursery Rhymes and available in various colours.

The Nursery Rhyme Bottle, Standard size, is available in attractive colours



The Standard Bottle also available in attractive colours.

The Giant Bottle (with handle) suitable for hospitals is available in attractive colours.

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Safe-no screw

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Recently developed and of modern design, the BEATSON MEDICAL fits the hand snugly. The vial lip for easy pouring has been retained, sediment can be rapidly dispersed by shaking. With cork mouth or screw neck—white enamelled or black plastic caps.

★ *Plain or Graduated.*
Cork Mouth or Screw Capped.

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MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
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Optrex will sell even better this season!

Get your share of this rising market!

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3 OPTREX is widely advertised in the National press and magazines to maintain steady demand and quick sales.

ORDER NOW — *Every pair of eyes is a potential customer!*

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All white soft wool with loop e
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NOW

Enormous demand for the new Dufay Ortho and Pan Black and White Films is causing a temporary shortage and we regret that we are unable immediately to fulfil all orders. We will do so nevertheless as soon as the supply situation permits. The wo ld-famous Dufay COLOUR film, however, is in good supply. And Dufaycolor mak s a compelling sales-promoting display. Build up a reserve NOW to meet the heavy summer trade.

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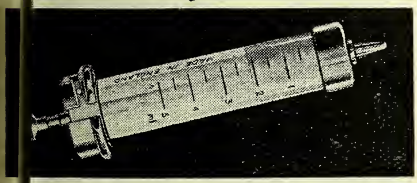

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WHOLESALE AND EXPORT ONLY

Illustrated Folder and Price List on application

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Manufactured by

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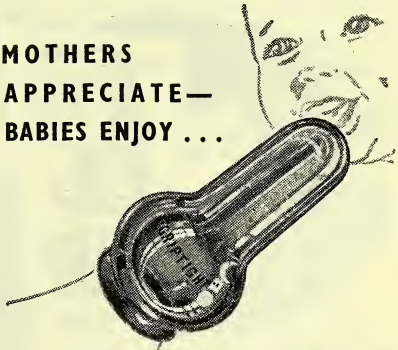
APPRECIATE—
BABIES ENJOY . . .



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Take advantage of this steady, increasing demand.

Used by Clinics, Public Health and Welfare Authorities.

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JIFFY DYES

Also DRUMMER DYES

Made by Wm. EDGE & SONS LTD. - BOLTON

219

or the first time since the war — *you can see the Dunlop range of . . .*

Hot Water Bottles

★ *Children's Hot Water Bottles*

(INCLUDING THE NEW CLOWN)

★ *Household Rubber Gloves and Chemists Sundries*

at the **DUNLOP** STAND D 33

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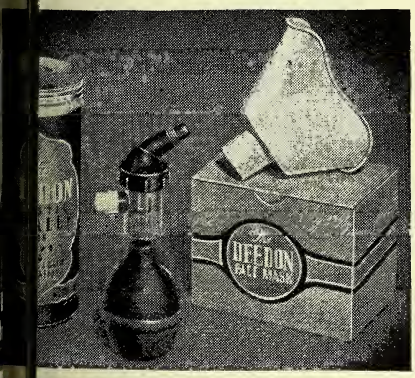
CHEMISTS SUPPLY SECTION

9G/SG2

DEEDON *production problems now easing*



Recent heavy demands for the DEEDON Plastic Inhaler have caused unavoidable delays in delivery for which we apologise. However, our policy of reducing the range of Deedon Inhalers to one model, and improved manufacturing facilities are enabling supplies to catch up with demand and we feel able once again to invite orders from chemists and hospitals.

The standard model, illustrated here, was formerly known as Model B. The face mask, also illustrated, produces the equivalent of former Models C and D.

DEEDON INHALER 21/-

FACE MASK 5/-

Include Deedon Inhalers in your Bonus Parcels. Detailed lists on request.

MOORE MEDICINAL PRODUCTS LTD

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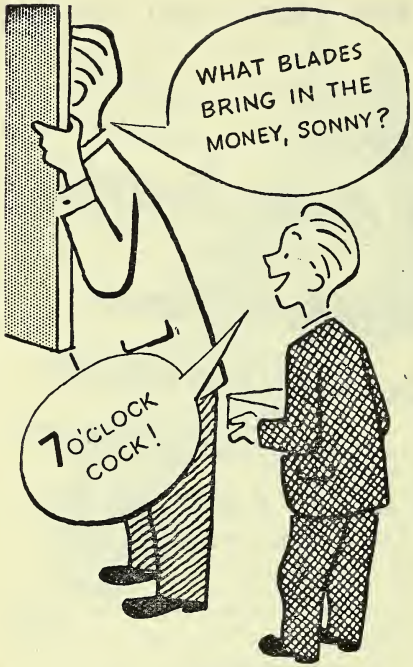


Everybody's saying it—"7 O'CLOCK, Cock!" And everybody's buying them—7 O'CLOCK blades. Triple-ground by a special process, 7 O'CLOCK blades have a sharpness that lasts—and every packet is just the same. Keep a good display of 7 O'CLOCK on view and see how they sell!

7 o'clock

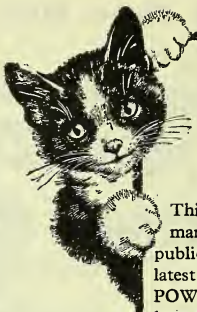
BLADES

11D

FOR SIX
(Including Tax)

Actually **COST LESS** *than* **PRE-WAR!**

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Rd., Isleworth, Middlesex



Very Important Pussy

This 'peeping pussy' is e of many, featured in the nati vide publicity that heralds Kar od's latest product—KARSWOC AT POWDERS. More and m pet-lovers realise that cats need ular conditioning—the five millic ussy population of Britain can be Karswood customers—so s up now and make sure of *your* e of them!

KARSWO D

cat

POWD S

A product of E. Griffiths Hughes Ltd. Manc r 3

FOR DESTROYING RATS and E

HALLER'S EXTRACT OF SQU L

is always in demand as it is a stan d product, controlled by Bio-assay t s.

For the destruction of Beetles, Cockroaches, Crickets, et

USE

"DANZO BEETLE POWDE

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Parasiticide and Insecticide in liquid fo destroys all kinds of noxious insects:

Bugs, Lice, Fleas, Moths, etc.

Address all enquiries for preparations fo e destruction of Domestic Pests to :—

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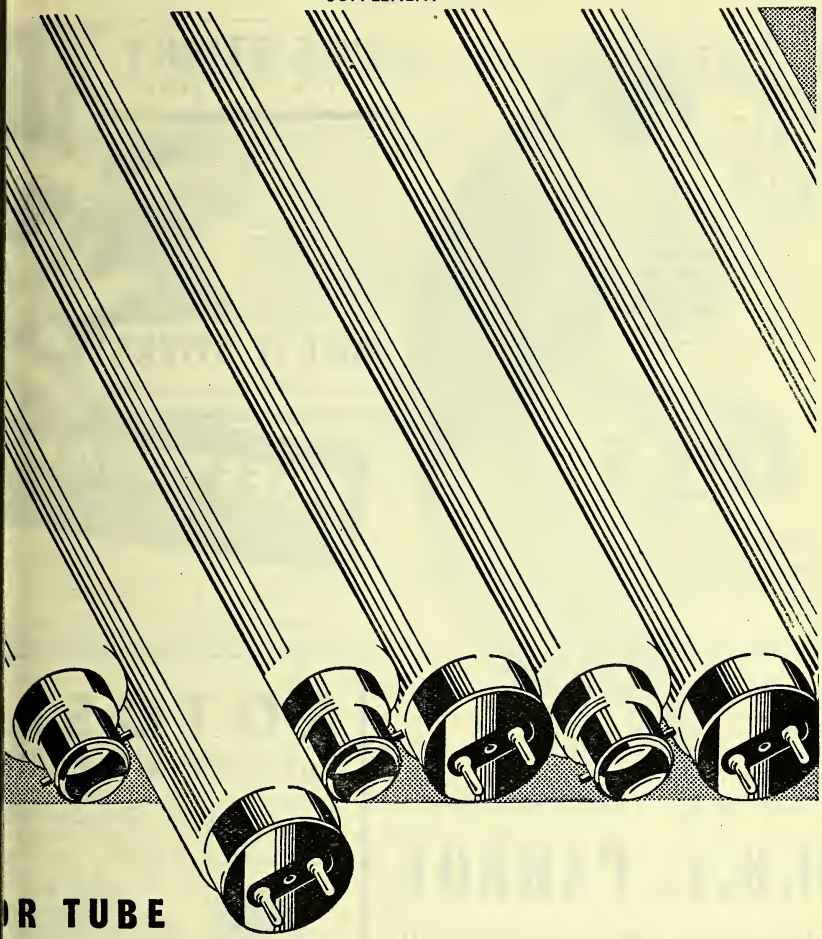

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4ft. & 5ft. in 'Daylight', 'Warm-White' & 'Natural'
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GUARANTEED 100% IMPREGNATED

EACH CAN KILL 10,000 FLIES

ORDER NOW retail 4½D each

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NOT STICKY
... it's *NOT* a plaster

BUT IT STICKS!
..it's *MORE* than a bandage

PRESTOBAND
THE ANTISEPTIC SELF-ADHESIVE BAND STICKS TO ITSELF — BUT NOT TO THE

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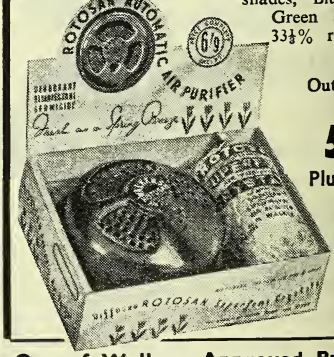
Automatic AIR PURIF R

Chemists everywhere are welcoming the urn of the ROTOSAN in its new modern, strea ed, design. Packed in an attractive "display" ton with supply of ROTOSAN pink Sup me Crystals. In four lovely tel shades, Blue, ze, Green and arl. 33⅓% retail fit.



Outfit re at
5/
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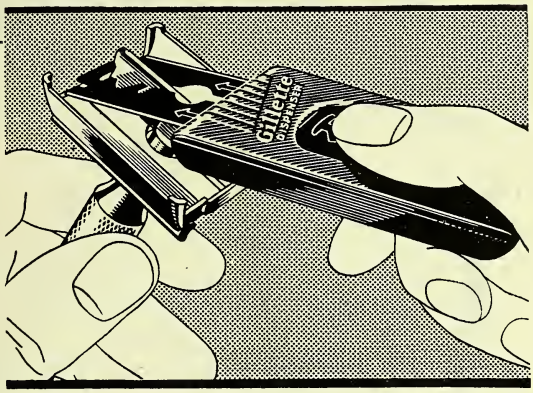
6 oz. .

One of Walkers Approved Produ
W. & F. WALKER LTD. KIRKBY, L'PO

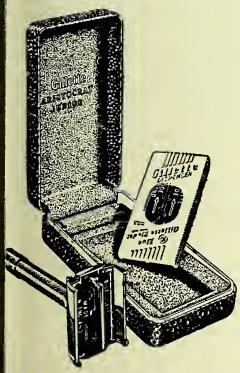
Gillette offer greatest-ever shaving value!



The Gillette Dispenser and the new one-piece razor sets!

THE DISPENSER is the newest shaving invention—a plastic case holding unwrapped yet perfectly protected blades. With a thrust of the thumb a blade is delivered ready for shaving, the blade hooks on the notched bar of the razor and drops neatly into place. The Gillette Dispenser is supplied at no extra cost. It cannot be refilled. The Dispenser sold separately contains 20 Blue Gillette Blades and retails at **5/4d.** inc. P. Tax.

THE NEW SETS



No. 51 In an attractive carton, the set comprises a nickel-plated Gillette Aristocrat Junior One-piece Razor and a Gillette Dispenser holding 10 Blue Gillette Blades. Price: **7/6d.** inc. P. Tax.

No. 53 Consists of neat leatherette-covered case containing an Aristocrat Junior silver-finished One-piece Razor and a Gillette Dispenser holding 10 Blue Gillette Blades. Price: **12/-** inc. P. Tax.

Trade enquiries to your usual wholesaler.

Gillette Industries Limited, Gillette Corner, Great West Road, Isleworth, Middx.

IN CASE YOUR CUSTOMERS SET YOU A *Ribena* QUIZ

Ribena

Vitamin C Blackcurrant Syrup
NOW BETTER THAN EVER

Ribena Blackcurrant Syrup is now being manufactured in one of the most modern food factories in Britain—in the heart of the Forest of Dean. Here the latest technical processes are being used for the betterment of Ribena.

The Blackcurrant juice is now stored in underground refrigerated tanks, perfect conditions for retaining the full vitamin C content and fresh fruit flavour of the juice. Previously some changes in colour might have been noticed but the blackcurrant juice, sugar and vitamin C contents of Ribena have not altered. Gradually the new processing will produce a stabilized colour—that of the fresh juice as it runs from the press—and an even better flavour.

The pilfer-proof screw caps on Ribena bottles ensure that your Ribena reaches you untampered after leaving our Factory.

New standard bottles are gradually coming into use. These hold the same amount as earlier bottles did. Although of lighter weight, they are just as strong as the previous type. Requiring less glass, they need not be returned to your chemist.

RIBENA is becoming more and more recognised as a valuable aid to buoyant health. Under the new conditions of manufacture, it will add an even greater contribution to the Nation's health.

Leaflets, worded as here, explaining Ribena colour variation, bottle change and other points, are now available to hand to your customers. If you will write advising us the number you require, they will be sent by return.

H. W. CARTER & CO. LTD. (DEPT. 15.W). THE ROYAL FOREST FACTORY, COLEFORD, GLOS.

The 'Feedrite' baby feeder

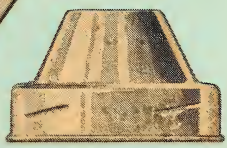
PATENT APPLIED FOR

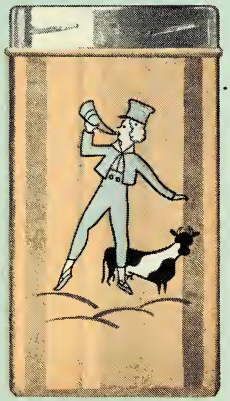
CLOSED

Price to public
4/6 complete

Price to Retailer
36/- per doz.

Packed 1 dozen in a carton
SHOWCARD SUPPLIED





A nother does, is to fill the Pyrex b with Babies milk, at temperature re red, put bottle in to case, and the F RITE container keeps the milk at e correct temperature **DURING T ENTIRE FEED,** . . . . . It easy as that.

T **FEEDRITE** eliminates the need to heat the milk **DURING** the feed.

T **FEEDRITE** is not only a very at tive addition to Babys' trousseau, b protects the bottle against breakage.

E **FEEDRITE** is supplied complete w Pyrex feeding bottle, and is packed in attractive individual carton.

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& M. Gould, Stoney Lane, London E.C.3. Sole Agent for the following counties . . Kent, rey, Sussex, Hampshire, Berkshire, Wilts, Somerset, Dorset, Isle of Wight, Devon & Cornwall.

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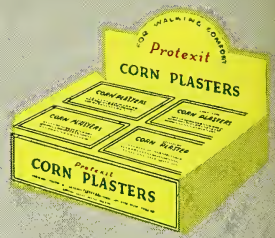
SEVERAL GOOD-QUALITY
STEADY-SELLING LINES
FOR CHEMISTS ONLY



Protexit CORN PLASTERS

In buff printed cartons as above: twelve cartons in display outer.

Thin 4/6 doz. cartons
Thick 5/3 „ „

Protexit EYE SHADES

In buff printed cartons.
Either Eye, Right Eye, Left Eye, 3/3 doz.

Protexit FINGER STALLS

In attractive envelopes, printed in two colours.

Best Leather, Ezyfit type 8/- doz.
Thumb Stalls, „ „ 8/- „

Protexit LAMB'S WOOL

In cartons as illustrated.

½ oz.	.. ..	3/9 doz
1 „	.. ..	6/9 „
2 „	.. ..	12/- „
4 „	.. ..	22/6 „
8 „	.. ..	39/- „
16 „	(Tax Free)	75/- „

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Supplied in attractive envelopes, printed in two colours.

Twice round ..	18/6 doz.
Twice round felt-lined	18/6 „
Gripsit	21/- „
Double buckle ..	16/- „

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HOPE MILLS · POLLARD STREET · MANCHESTER 4

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SUNGLASSES

for the
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For TOWN

MODEL B. Retails 1/-

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CHILD'S MODEL. Retails 10d

plete range
fr 10d. to 15/-
in ding models
fit with Crookes
Le es. Also im-
po ed French styles
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Your enquiries for Sponges and Chamois Leathers will receive courteous, prompt and knowledgeable attention.
We have no connection with any other firm advertising sponges or chamois leathers in this journal.

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ZAL PINE

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ZAL RANGE

ld our chemists that it had something really new in luids — that it must have an ling colour, a *fresh* pine a good germicidal strength, on-poisonous, non-staining and *big value for money*. A tall order perhaps, but nothing less would satisfy us — or you. Zal pine disinfectant is their answer. Attractively packed and well supported by striking display material.

Ask our traveller for full particulars

an **IZAL** *product*

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Large bottle 1/6

Small bottle 1/-

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AUTOMATIC UNIT PACKING MACHINES

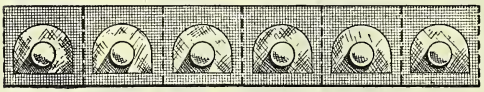
for Pills and Tablets in tape style

HEAT-SEALERS and CRIMPERS

hand, foot or fully automatically operated

WRAPPING MACHINES

with heat-sealing and/or gumming attachments for cartons or products sold loose, semi or fully automatic.



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24,000 Rolls Cotton Wadding. 5″ × 6 yd. approx. 2 oz. - - **24/-** per gross
24,000 Nu-Hesive. Self adhesive bandages. 3″ × 5 yd. - - **48/-** per gross
11,000 Nu-Hesive. Self adhesive bandages. 2″ × 5 yd. - - **36/-** per gross
10,000 Pkts. Cotton Wool Pads. 50 in a pkt. For removal of liquid vesicant and application of Ointments and Beauty preparations **36/-** gross pkts.
1,000 Bottles Sulfathiazol. Contents 1,000 tablets per bottle - **10/-** per bottle
2,500 Plaster of Paris Bandages. 9″ - - - - **72/-** per gross
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24,000 Pkts. Cotton Wool (2 oz.) - - - - - **36/-** per gross
600 N/P Instrument Sterilizers. 10″×4″×2½″ complete with spirit stoves - - - - - - - - **10/-** each

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All the above goods are of the finest surgical quality, some by leading American makers

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Price in Paris £7 - - - - **Our price £2 per bottle**

Money back guarantee if not completely satisfied

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Phenytoin Soluble
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BRADFORD (P.O. BOX 191)

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H. G. BENWELL & Co. LTD.
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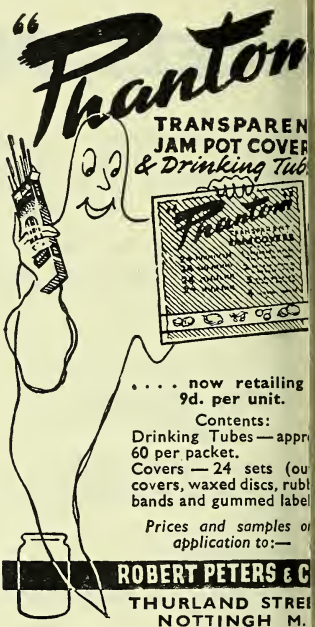

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The best way to ensure satisfaction in grinding is to call in the experts—Porteus. Not only do they know what exactly is required, but they can and do invariably advise on the best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

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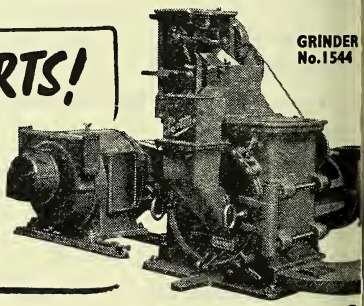
LEEDS BRIDGE WORKS, LEEDS 10



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MEDICINAL & OTHER

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any shape or size up to 1½″
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Enquiries invited.

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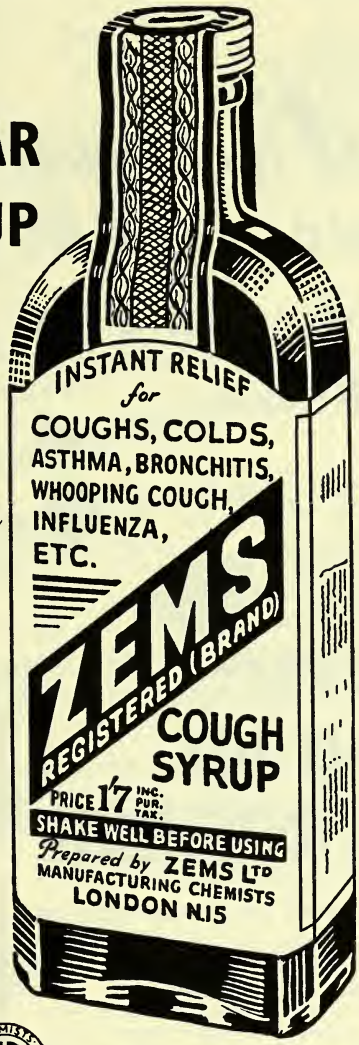
THE POPULAR COUGH SYRUP

Good for the young and good for the old



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50 years' service of
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based on Sodium Cetyl/Lauryl S

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Liquid, Paste, Powder

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For
CHEMISTS ONLY
A NEW PROFITABLE QUICK-SELLING LINE

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FRUIT SQUASHES
MAKING A HOST OF FRIENDS

RESTRICTED EXCLUSIVELY TO CHEMISTS

GOOD PROFITS

RETAIL PRICE	-	2/9 per bottle
YOUR RETURN	-	33/- dozen
YOUR BUYING PRICE	-	24/9 ,,
YOUR PROFIT	- -	8/3 ,,

(equals 33⅓ on cost)

ATTRACTIVE VALUE

And a quality you can confidently recommend. The smart pack makes a most attractive display.
Popular flavours. Orange, Lemon, Lemon and Orange, Pineapple, Applym (a Lime flavoured apple juice cordial).

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Stops Scurf

Page-Barker's

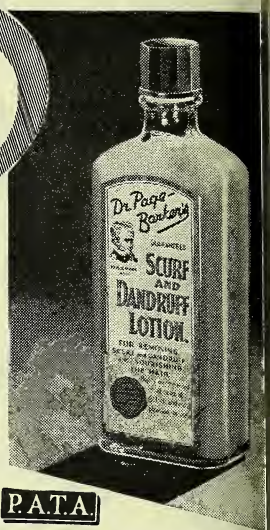
Scurf & Dandruff Lotion

Trade 20/- doz.

Plus Tax ⅓ Retail 3/4

Ask for Showcard

Money Back Guarantee on every bottle!



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NEW, IMPROVED ARRID

over 8d. profit for you on every jar you sell! Retail price 2/5 including purchase tax

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WOMEN are clamouring in the sh Arrid—the world's biggest-selling deodorant which also stops perspiration. tising is being increased, and with a national campaign running, the demand something terrific!

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Show cards and display cartons available free.

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Manufacturers of

COMPRESSED MEDICINAL TABLETS

SPECIALISTS IN THE PREPARATION OF TABLETS TO CUSTOMERS OWN FORMULÆ

MODERN PLANT

PROMPT DELIVERY

QUALITY AND ACCURACY IS GUARANTEED

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Now available **SACKERS HYG**
METAL C
Will remove Ni from hair
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HARVEY & CO. (DUBLIN) **LTD.,**

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SYVITONE Vitamin Tonic
Provides in palata assimilable form, th of Cod Liver Oil.

NIGROIDS For Throat &

Prepared in the laboratories of
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Remember that the three different forms of

'BISURATED' Magnesia

Trade Mark

attract three different types of custom

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When giving your order for 'Bisurated' Magnesia—and also when supplying it to your customers—it is worth while to remember that this popular antacid is put up in three different forms, each attracting a different type of custom: (1) *in tablets*—for the all-day-long convenience of the casual taker; (2) in *mint-flavoured powder*—specially suitable for taking at bedtime; and (3) *in powder (plain)*, for people who don't like the flavour of mint.

PRICES

SIZES	TRADE	RETAIL (INC. P.T.)
Small	12/9 per doz.	1/9 each
Large	26/- per doz.	3/7 each

Tablets, and Plain or Mint-flavoured Powders, in both sizes

'Bisurated' Magnesia can be included with other I.C.C. lines to qualify for Co-operation Discounts of 12½% on orders of £10 and over, 10% on orders of £5 and over.

NATIONAL CHEMICAL COMPANY LTD. 12 CHENIES STREET, LONDON, W.C.1

The name that means everything to a Woman

VELENA

Soluble Sanitary Towels

In packets of Six 10½d. and packets of Twelve 1/9d.
Velena, Alperton Mills, Alperton, Middx.

One of the new VELENA advertisements now appearing in the daily press and selected women's magazines . . . an estimated total readership of over 12 million women. This, and the high quality of VELENA, is your assurance of steady *and increasing* demand.

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You'll be right in t this s if yo

TIGHT FITTING

They're ideal ming, for the bath or for dusting. That means regular through the year !
Packed in individual window are of red, yellow, pale-blue a Supplied in outers containi cartons, assorted.

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GLUCOSE BARLEY S
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PHARMACEUTICAL LABORATORIES,

Fine CHEMICALS

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Associated Houses:
NEW YORK MONTREAL SYDNEY CAPE TOWN BOMBAY SHANGHAI BUENOS AIRES CAIRO

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HERBALENE, a nationally advertised herbal laxative, has a deservedly high reputation, for its gentle, *natural* action makes it suitable for young and old alike.

RETAIL PRICES
1/6, 2/6 & 3/8
Including Purchase Tax

Obtainable from wholesalers or direct from address below. Attractive show-card available on request.

TRADE PRICES
10/-, 16/- & 24/- per doz.
Plus Purchase Tax

Please enquire for details of how to obtain free a Rubber Door Mat advertising HERBALENE.

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The leading British Insecticide

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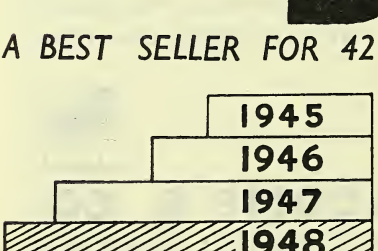

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LIQUIDS: From Bulk into any size bottle from ½ oz.
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Particulars:—
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Standard Saccharin Tablets
IN PACKETS 100
up to 5 gross at 62/- per gross
„ „ 5 „ „ 61/- „ „
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100 gross lots, price on request
Post free, cash with order.
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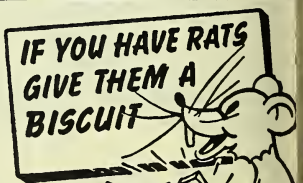

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rgical Instrument Business for disposal, shed over 300 years, considerable scope. ver, under management, about £23,000 last Gross profit, £6,868. Substantial net could be made by Managing Proprietor. us factory 7,250 square feet. Lease alone at £1,500. Purchase price required) for lease and goodwill plus stock, fixtures lant which were recently valued by us at ximately £5,250. Banker's reference with ation.

ants Coast. Light retail with photographic ction. Returns exceed £6,000. Excellent accommodation. Freehold may be pur- or 21 years' lease would be granted. of business only £4,500.

stern Counties. Branch business for dis- owing to decease of manager. Turnover year over £3,000. Assistant employed. accommodation may become available. pposition. Total purchase price asked) or valuation terms considered.

intshire. Middle-class business. Turnover ear £2,373. Manager employed. Lock-up corner shop. Stock and fixtures estimated at £1,550. Total purchase price £2,200. We are informed there is considerable scope.

5. Durham. Well-established business. Net profit well over £500 per annum. Middle and working class. Takings £50 per week plus very substantial N.H.S. Living accommodation available. Property for sale at £850. Price of business £750 plus stock which is estimated to be worth £350.

6. South-west London. Management difficulties necessitate the disposal of a well-established business converted into a pharmacy two years ago. Living accommodation will become available. Turnover for year ended April 1949 over £4,250. Stock £850. Rent £85 per annum less present sublet of £78 per annum. Total purchase price asked £2,250 or valuation terms considered.

7. Surrey, Important Town. Main road business capable of conversion to pharmacy. Turnover present rate between £5,000 and £6,000 per annum. Manageress and assistant employed. Rent £150 per annum. Ten years' lease. Price required £2,750 plus stock, in all about £3,750.

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USINESSES FOR DISPOSAL

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D-ESTABLISHED drug stores in attractive own, pop. 3,000. Many holiday visitors. ul Georgian property, 13 rooms. Freehold dwill, £6,000, s.a.v. Absolutely unopposed. opportunity for qualified man. Elliott, 66 High St., Southampton. 72350.

STORE, Kingston (scope and need for chem- rade £60 p.w., increasing. 19 years' lease p.w. Small smart shop, £1,475, s.a.v., or Findlay & Co., 66 Coombe Lane, Raynes .W.20.

M COUNTY. Coast town. Drug store for Corner site, double windows, centre large area. Flat and garage adjoining. Low Telephone. Net profit £1,000 per annum. :2,500 or offers and s.a.v. Box 6/168.

(Good-class seaside resort.) Well-established ractively fitted pharmacy with exceptionally ving accommodation. Premises situated near front. The turnover for the last financial as approximately £5,800 and is now aver- bout £140 per week. Good lease at econ- ental. Total price £6,000, including stock tures, estimated at £3,000. Genuine reason ng. Box A/88.

BIRMINGHAM, nr. city. Old-established business for sale. Ideally suited to owner-manager. Sub-letting of living accommodation nearly pays rent. Turnover, £3,500, plus N.H.S. Prescriptions average 1,000 per month. Genuine reason for sale. Fixtures, fittings and goodwill, £1,850, plus stock, about £1,250. Box 6/117.

FOR DISPOSAL. Old-established drug stores doing about £100 per week. Exceptional opportunity for pharmacist prepared to purchase the freehold and add dispensing. West Midland market town. Box 6/133.

FOR SALE: Drug store, established 15 years, in main road, Southampton. Great scope for chemist-optician and others. £500, goodwill, stock and fittings (modern) at valuation or £1,500 a.a. Box 6/151.

LEEDS: Drug store (old established), busy thoroughfare, thickly populated district. Photographic, full wine licence, good opening for pharmacist, optics an additional advantage. Ample accommodation. Particulars (letters only), Norman D. Vine & Co., Chartered Accountant, 40 Park Square North, Leeds, 1.

SOUTHSEA. Old-established chemist's business including freehold property for sale. Takings approximately £2,500 per annum. N.H.I. scripts about 900 monthly. Residential accommodation probably available. Freehold, goodwill and fittings, £2,500. Stock at valuation. Apply Parkin S. Booth, 14-17 Holborn Viaduct, London, E.C.1.

PHARMACY AND GIFTS business. Main street Brighton, for sale. Beautifully fitted. Rent £200. £5,000, s.a.v. Box 6/169.

WEST RIDING (South) Yorkshire. Sound wholesale chemists' sundriesmen and grocer's (no provisions) business. As a going concern. Annual turnover £50,000. Average net profit exceeds £2,100. Audited accounts. Points float 200,000. Price £20,000 approximately. Live, easily operated and profitable business, with splendid warehousing, stores, modern Austin lorries, cars, and equipment. Box 6/128.

BUSINESSES WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

PRIVATE PHARMACIST desires to purchase pharmacy with turnover £3,000/£6,000 per annum, plus reasonable N.H.S., in Southern half of England, with living accommodation and garden if possible. Details in strictest confidence to Box 6/146.

APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

BRITISH ELECTRICITY AUTHORITY EAST MIDLANDS DIVISION

STAYTHORPE GENERATING STATION

Applications are invited from suitably qualified Engineers for the following appointments at Staythorpe Generating Station.

Power Station Superintendent
Class 'L' Grade '3' £955/996
Assistant Power Station Superintendent
Class 'L' Grade '4' £867/906
Mechanical Maintenance Engineer
Class 'L' Grade '5' £795/831
Electrical Maintenance Engineer
Class 'L' Grade '5' £795/831
Chief Chemist Class 'L' Grade '5' £795/831
Boiler House Engineer
Class 'L' Grade '6' £754/788
Turbine Room Engineer
Class 'L' Grade '6' £754/788

Staythorpe is situated on the North Bank of the River Trent, about three miles from Newark. The Station is designed for an ultimate capacity of 360 Megawatts, and the Plant includes Spreader-Stoker fired Boilers, each of 240 k.lb. capacity, and six 60 Megawatt Generating Units operating at 900 p.s.i., 900°F. The first portion of the Station is scheduled for operation during the Autumn of this year.

The Class and Salary for the above mentioned appointments are provisional and subject to negotiation, and to the future extension of the Station. For the purpose of Salary determination it has been decided that during the initial stages the Station will be in Class 'L', i.e., 240 M.W., of the existing National Joint Board Schedule.

Particulars of duties and qualifications in respect of the above appointments, together with Application Forms, may be obtained from the Divisional Establishments Officer, East Midlands Division, Barker Gate, Nottingham. Completed Application Forms should be returned to the above address within three weeks of the date of this advertisement.

W. S. BURGE,
Divisional Controller.

British Electricity Authority,
British Electricity House,
Barker Gate,
Nottingham.

CENTRAL GROUP HOSPI MANAGEMENT COMMITT METROPOLITAN HOSPIT KINGSLAND ROAD, LONDO

ASSISTANT in the dispensary re the above-named hospital. Perma resident post. Salary and conditions in accordance with J.N.C. (Hospi recommendations and National Heal Superannuation regulations.

Applications in candidates' own ha giving details of experience and the address of two referees, to the un

FRANK CHAMBERS,
House Governor, Metropol
Hospital, Kingsland R
Lon

HILL END HOSPITAL & CL

ST. ALBANS, HERTS.

PHARMACIST (locum tenens), male for nine weeks from the beginning Salary 10 guineas per week. Apply, s particulars of experience to Medical tendent, Hill End Hospital & C Albans, Herts.

HOSPITALS FOR DISEASES O CHEST

The London Chest Hospital invites ap for the post of SENIOR ASSISTAN MACIST with charge of the Steril partment. J.N.C. salary scale within of £415-£490. Applications, with testimonials, to be sent to the Secret don Chest Hospital, Victoria Park, E

KING'S COLLEGE HOSPITAL G DENMARK HILL, S.E.5.

ASSISTANT PHARMACIST and a TANT DISPENSER (HALL). Applica invited for these positions. Salary a according to the J.N.C. Scale. Super scheme in force, and appointment i to passing a medical examination. tions, with details of age and experienc be sent to the Pharmacist at th address.

LEYBOURNE GRANGE GRO HOSPITAL MANAGEMENT COM Leybourne Grange Colony, West Kent.

APPOINTMENT OF DISPEN

Applications are invited for the po non-resident qualified DISPENSER (f this Colony, at present accommodati patients with extension to 1,500 in th

Salary according to the Joint Ne Committee for Hospital Staffs, at pres per annum, rising by annual increme to £320 per annum, and three furth ments of £10 every 4 years to a max £350 per annum. Commencing salary ing to experience in the grade. The ment will be subject to the National Service (Superannuation) Regulations, successful candidate will be required t medical examination.

Applications, stating age, qualificati experience, together with the names persons willing to give references as applicant's personal and professional c tions for the post, should be sent to th cal Superintendent at the Colony wi days of the appearance of this advertis

J. CATTERALL,
Secretary to the Co

HAM HOSPITAL, LONDON, S.E.13.

I ASSISTANT PHARMACIST re- r one or both of the following May 30 to June 11, June 20 to alary, £9 9s. a week.

ions should be sent to the Medical dent, Lewisham Hospital, Lewisham London, S.E.13.

VARE GENERAL HOSPITAL, DGWARE, MIDDLESEX

I ASSISTANT PHARMACIST re- this hospital immediately for an in- eriod for holiday relief. Salary, er week. Apply as soon as possible dical Director or Chief Pharmacist.

VARE GENERAL HOSPITAL, DGWARE, MIDDLESEX

ANT PHARMACIST. A non-resi- tered assistant pharmacist is required hospital. J.N.C. (Hospital Staffs) 370-£450 p.a. Commencing salary to previous experience. The post od experience in a busy general hos-

ions, stating age and experience, and up to three recent testimonials, to Director. Post vacant immediately.

Y & GRAVESEND HOSPITAL NAGEMENT COMMITTEE

M PHARMACIST required for holi- at the hospitals controlled by the nagement Committee for a period of tely 3 months from the middle of ry, £10 10s. per week. Apply to the c/o St. Bartholomew's Hospital,

HERTS GROUP HOSPITAL NAGEMENT COMMITTEE

ANT PHARMACIST required for Hospital, St. Albans. Salary in e with J.N.C. scales. Hospital ex- not essential. Alternatively, an in- pcum would be considered at a salary 0 guineas per week. Application, with culars, to the Secretary, Mid. Herts Hospital Management Committee, Hospital, Normandy Rd., St. Albans.

NCHESTER BABIES' AND CHILDREN'S HOSPITAL NAGEMENT COMMITTEE

HALL HOSPITAL, BLACKLEY, MANCHESTER, 9 (525 beds).

tions are invited for the following ents:—

CHIEF PHARMACIST.

partment has 2 assistants. Applicants ve had previous hospital experience one of the qualifications of the Phar- l Society. Salary in accordance with ales.

ASSISTANT PHARMACIST.

ncing salary depending on experi- in accordance with J.N.C. scale.

pointments are subject to the N.H.S. uation regulations.

tions containing essential details to- ith names of three referees to be sent cretary to the Committee at the above from whom any further information btained.

THE UNITED LEEDS HOSPITALS. THE GENERAL INFIRMARY AT LEEDS

Applications are invited for the appointment of ASSISTANT PHARMACIST. Salary commencing at £350 p.a., plus meals when on duty and with additional payment for stand-by duty. The remuneration payable is subject to adjustment in the light of scales to be made known by the Minister of Health. National Health Superannuation Scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applications, stating age, sex, and experience, together with the names of not more than three referees, must be sent to the undersigned as soon as possible.

S. CLAYTON FRYER,
Secretary to the Board.

NEASDEN HOSPITAL, BRENTFIELD ROAD, N.W.10.

LOCUM for chief pharmacist with one assistant for two periods: June 13-25 and August 29-September 10, 1949; for Neasden Hospital and the Maternity Hospital, Kingsbury. Accommodation and meals available if required. Salary, £12 7s. 6d. per week. Applications to Assistant Secretary, Neasden Hospital, immediately.

WINCHESTER GROUP HOSPITAL MANAGEMENT COMMITTEE

ROYAL HAMPSHIRE COUNTY HOSPITAL, WINCHESTER.

Applications are invited for the post of Assistant Pharmacist vacant shortly. Salary according to J.N.C. scale.

Applications, giving details of qualifications, age and experience, together with copies of two recent testimonials, to be sent to the Superintendent and Secretary as soon as possible.

6th April, 1949.

ST. EDWARD'S HOSPITAL, CHEDDLETON, Nr. LEEK, STAFFS

DISPENSER required, with Apothecaries' Hall Certificate. Present salary is that of the Joint Negotiating Committee (Hospitals Staffs), viz., £270 to £350 per annum, the initial amount depending on previous hospital experience. Free overalls. Appointment may be resident, if desired, for moderate charge. Applications to the Medical Superintendent.

ST. GEORGE'S HOSPITAL,

HYDE PARK, CORNER, S.W.1.

Required ASSISTANT PHARMACIST. J.N.C. (Hospital Staffs) salary £370-£450 p.a. inclusive. Applications, with copies of testimonials, to Chief Pharmacist.

SIDCUP AND SWANLEY HOSPITAL MANAGEMENT COMMITTEE

QUEEN MARY'S HOSPITAL, SIDCUP, KENT

Applications are invited for the post of ASSISTANT PHARMACIST at Queen Mary's Hospital. Salary in accordance with Joint Negotiating Council scale. Applications should be addressed to the Secretary at the above address, stating age, experience and qualifications, and should be received not later than seven days after the insertion of this advertisement.

SUNDERLAND AREA HOSPITAL MANAGEMENT COMMITTEE

ROYAL INFIRMARY, SUNDERLAND

LOCUM ASSISTANT PHARMACIST required from May 2 to 21. Salary £9 9s. per week. Hours of duty 9 a.m. to 5 p.m. 1 p.m. Saturday. Applications to be forwarded to F. Dagnall, Secretary, Sunderland Area Hospital Management Committee, Royal Infirmary, Sunderland.

THE HOSPITAL FOR SICK CHILDREN, GREAT ORMOND STREET, LONDON, W.C.1.

ASSISTANT PHARMACIST

Applications are invited for this position. Salary, £370 to £450 on J.N.C. Scale, according to experience. Apply, with details of age and experience, to A. Rae, Chief Pharmacist.

LINCOLN No. 1 HOSPITAL MANAGEMENT COMMITTEE

LINCOLN COUNTY HOSPITAL

Applications are invited for the posts (two) of MEDICAL LABORATORY TECHNICIANS at the above hospital—one for the Bio-Chemical Dept., and one for the Hæmotology and Clinical Pathology Dept. Applicants should hold the Associateship of the Institute of Medical Laboratory Technology or equivalent qualification. Salary and conditions of service will be in accordance with the Scales of the Joint Negotiating Committee (Medical Laboratory Technicians). The posts will be superannuable and the successful candidates will be required to pass a medical examination. Applications, stating age, qualifications and experience, together with two names for reference, should be forwarded to the undersigned as soon as possible.

RONALD W. HOWICK, Secretary,
County Hospital, Lincoln.

WEST MIDDLESEX HOSPITAL (South-West Middlesex Hospital Management Committee)

LOCUM ASSISTANT PHARMACIST required for the following periods:—

23rd May—11th June
7th June—30th July
4th July—16th July

Salary: £8 8s. to £10 10s. per week, according to experience. Non-resident. Applications, with testimonials and full particulars of age, qualifications and experience, to the Chief Pharmacist, West Middlesex Hospital, Isleworth, Middlesex.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order, 1947

SITUATIONS OPEN

36 words 8/6 (minimum) then 3d. per word. Box 2/-

RETAIL (HOME)

A VACANCY OCCURS for a pharmacist who wishes to do some evening and week-end work. Applications to Manager, Allen & Hanburys, Ltd., 7 Vere St., W.1.

ARMY & NAVY STORES, LTD., require dispensing assistants (qualified and unqualified); also unqualified assistant for counter. Hours 8.45 a.m. to 5.30 p.m., Saturdays 1 p.m. Apply Staff Manager, Army & Navy Stores, Ltd., 12 Artillery Row, S.W.1.

AN ATTRACTIVE SALARY is offered to qualified gentlemen who are seeking a which offers security of tenure, a pensio and promotion prospects. Vacancies are in the following London districts: Ilfor Oak, Hounslow and North-west London, submit applications and, if possible, a rece graph, to Chief Pharmacist, London Co Chemists, Ltd., Grange Rd., Leyton, E.

ASSISTANT MANAGER or manageress rec high-class central pharmacy. Large staf and surgical departments, T.S.A. licen manent progressive post offering considera for advancement. Apply with full details, Chemists, Carr St., Ipswich.

ASSISTANT WANTED for dispensing de Male or female (if latter comfortable acc tion available). Good salary. Apply, Alexander, 9 Strait Bargate, Boston, Lin

BELGRAVIA, S.W.1. Assistant for dispen counterwork required. State experience ar Box 6/145.

BIRMINGHAM. Manager required for bran Salary, commission and rota duty fees. P position. C. L. Highfield, Ltd., Bearw Smethwick, Staffs.

BIRSTALL Industrial Co-operative Socie Superintendent Chemist. Applications are from qualified men for the vacancy of tendent Chemist. N.U.C.O. wages and co Trade, £5,910, with scope for expansion available shortly. Written applications names of two references, to be addresse Secretary and General Manager, 1 Vict Birstall, nr. Leeds.

BOGNOR. Unqualified dispenser require class business. Permanent, congenial Accommodation can be arranged for family. Interview essential. Please apply: tendent Chemist, Heppells (1932), Ltd., 7 hall Bridge Rd., London, S.W.1.

BOOTS THE CHEMISTS have vacancies in a of districts for qualified assistants, male and Salary (male) Central London £10 5s. to Metropolitan District £9 17s. 6d. to £10 Provinces £9 10s. to £10 10s. (Female London £9 15s. to £10 15s. Metropolitan £9 7s. 6d. to £10 7s. 6d. Provinces £9 according to age. Engagements are on a pe basis with good prospects and eligibility sion, life assurance, etc. There are also a of vacancies for unqualified assistants wit pharmaceutical experience. Good remu with a view to permanency. Pension sche Applications should be made to Retail Staff ment, Station St., Nottingham, stating age, ence, and district preferred.

CHELSEA. Good-class manager required for in Chelsea. Redecorated flat available. Goo and commission. Apply Box A/78.

CHEMIST requires qualified assistant. Worki prietor. Staff kept. Half private house a Apply by letter. State salary required. Ric 28 Bingley Rd., Shipley.

CHEMIST, CITY, requires counter assistant, woman for photographic sales. Sound kn of cameras and photographic sundries e Apply Box A/86.

CHEMIST-OPTICIAN, on C.P.C. list, requ co-operate with the proprietor, and at th time be able to undertake new optical depa Well staffed. Comfortable, permanent p Good salary and share of the optical profits. unfurnished flat available. Calvert, Chem Manor Park Pde., Lewisham, S.E.13. Lee 1374.

CHEMIST QUALIFIED. Male or female. to 6. Half-day Saturday. No Sundays o duties. EM-ESS. Chemists, 80 London Rd., pool, 3. Phone Roy 5271.

Situations Open—Continued

RY. Young qualified assistant required, good-sized pharmacy; duties chiefly dis- nd counter. Prospects of a house later, immediately. Adequate salary and every ion for right man. Box 6/115.

RY. There is a splendid opportunity for a harmacist, 23-25 years, who is willing to d co-operate with principal, in a good having busy dispensary and counter; ade- ff. Salary to commence £572 p.a. and a very good chance of house in near Please send full details to Box 6/148.

IRE. Unqualified assistant mainly for duties. Able to control junior staff. e of photography an advantage. Good arrangement. Apply, with full particu- previous experience, Peate, Church St., Derbys.

CITY. Pharmacist required to manage artment. A sound, permanent position capable person. Good hours. £10 plus n on dispensing. Holiday & Co., Ltd., Pharmacy, Durham City.

RNE. Qualified assistant required (male) for high-class dispensing business. No lation. Reply with full particulars to: rowne (Chemists), Ltd., 44 Cornfield Rd., e.

NCED PHARMACISTS required to manage in the following districts: Streatham, New Malden. Good salary and commis- nsion scheme. Apply Box A/44.

NCED MANAGERS, capable of developing g department, required for branches in s Bush, Brondesbury and Harrow Rd. ary and commission. Pension scheme. Semi- house available. Apply Box A/45.

NCED MANAGER required for good-class n Weybridge. Flat available to suitable . Salary and commission. Pension scheme. x A/54.

NCED PHARMACIST, capable of developing g department, required for branch in Rd., N.19. Good salary and commission. flat available. Apply Box A/47.

GRIMSBY CO-OPERATIVE SOCIETY, LTD., qualified pharmacist, male or female, to new pharmacy. Excellent living accommo- vailable. Applications, stating age, experi- d salary, to Managing Secretary, 74 Gari- , Grimsby.

CO-OPERATIVE CHEMISTS, LTD., invite ns from pharmacists for a position as manager. Permanent appointment with uation scheme offered to suitable person. ons, giving full particulars, should be ad- o the Secretary, North Pde., Halifax, to first post Friday, May 6th, 1949.

S require qualified manager for West End, gentleman. Also part-time qualified lady. nt, congenial position; superannuation Please reply, giving full details, and salary to: Superintendent, Heppells (1932), Vauxhall Bridge Rd., London, S.W.1.

MAN. Lady or gentleman assistant, ex- , or junior wanted, for counter and hop duties. State experience, salary re- Permanent preferred. Frank Purcell, 97 t., Douglas, Isle of Man.

Qualified managing assistant required. f secondary consequence to advertiser if n is secured. Apply, with the usual par- to Maxwell Vites, Ltd., 200 York Rd.,

N. Pharmacist as manager, 35-40 years, for business to develop dispensing and trade. Commencing salary not less than r annum. Full particulars to Box 6/139.

LONDON. City pharmacy. Required, a young qualified assistant; permanent position. Good-class business. Early closing Saturday. No Sunday duty. Write, stating age, experience, and salary required. B. Hooper & Co., Ltd., 6 Railway Place, Fenchurch St., London, E.C.3.

LONDON, W. Manager, qualified, for important main road pharmacy. Apply to Huggins & Co., 179 Strand, W.C.2.

MANAGER, capable of handling up to 2,500 prescriptions per month, required for branch in Barking. Salary and commission up to £700 per annum offered to suitable manager. Pension scheme. Excellent flat available. Apply Box A/46.

MANAGER required for suburban business in Stoke-on-Trent district. Good living accommodation, adequate staff, permanency, and good salary. Hours: 9 a.m. until 6 p.m. (rota until 7 p.m. every fourth week). S. J. Mott, 48 Piccadilly, Hanley, Stoke-on-Trent.

MIDDLESBROUGH CO-OPERATIVE SOCIETY, LTD., has vacancy for pharmacist branch manager—either sex. Salary based on sales, commission on dispensing, payment for rota. Superannuation scheme. Permanent position with good prospects. Excellent living accommodation available. Applications to General Manager, Emporium, Middlesbrough.

MUSWELL HILL. Good flat available. Vacancy exists for pharmacist as branch manager in North London. Salary and commission; superannuation scheme. Apply Box A/79.

NEWCASTLE-ON-TYNE. Qualified branch manger required for pleasant middle-class suburban business. Pleasant and bright dispensary, good staff kept. Accommodation available if required. Please give full details in first letter. Graham's Pharmacy, Ltd., 20 Bridge Cres., Newcastle-on-Tyne, 5.

NEWCASTLE-UPON-TYNE Co-operative Society, Ltd., require a pharmacist (male or female) as branch manager. Permanent, progressive position. Superannuation scheme. Salary according to scale plus rota payments and bonus on dispensing. Good conditions of employment generally. Adequate and efficient supporting staff. Saturday half-day. Applications, stating full particulars of experience, age, salary required, etc., to Superintendent Chemist, Newcastle Co-operative Society, Ltd., 117 Newgate St., Newcastle-upon-Tyne, 1.

NEWCASTLE-UPON-TYNE Co-operative Society, Ltd., require pharmacist (male or female) as relief manager (with status of branch manager). Excellent experience for young pharmacist. Permanent position. Superannuation scheme. Applications, stating full particulars of experience, age, salary required, to Superintendent Chemist, Newcastle Co-operative Society, Ltd., 117 Newgate St., Newcastle-upon-Tyne, 1.

NORWICH. Young unqualified assistant (either sex) required for dispensing in good-class business. Usual particulars to Gardiner & Lacey, 13 St. Giles St., Norwich.

PHARMACIST REQUIRED to manage branch in the West End of London. Hours 9-6. Light dispensing. Minimum salary and commission £12 10s. weekly. Position permanent, prospects excellent for person possessing salesmanship. No living accommodation. Write, giving brief particulars in first instance, to Box 6/142.

PHARMACIST required. Capable of managing branch. Good prospects. House available. Superannuation fund in operation. Apply by letter stating age and experience to Secretary, Hartlepools Co-operative Chemists, Limited, Stockton Street, West Hartlepool.

QUALIFIED M.P.S. wanted for chemist shop, Southend area. Partnership considered. Excellent opportunity. Roberts, c/o Fisher, 85 Hamlet Court Rd., Westcliff-on-Sea.

Situations Open—Continued

PHARMACIST
with knowledge of
PHOTOGRAPHY

A vacancy will shortly occur for a pharmacist age 28-38 in a large modern pharmacy with congenial staff and pleasant working conditions. The salary offered is well above average and the position is a permanent one with very good prospects. An unfurnished house will be available if required. Applicant must like counter-work and be able to take charge of a busy photographic department. Pension and life assurance scheme in operation. Please forward in confidence full particulars of experience to L. H. Lester, Lesters Chemists Ltd., Rexall Pharmacy, Nuneaton, Warwickshire. Phone: 3426/7.

PORTSEA ISLAND CO-OPERATIVE Chemist, Ltd., require qualified pharmacy branch manager. Permanency. Excellent prospects. Superannuation Fund. House available. Applications in writing, stating age, qualifications, experience and salary required, to Executive Officer, 110 Fratton Rd., Portsmouth. Endorse envelopes "Pharmacist."

QUALIFIED MANAGER for very extensive business in S.E. London. An excellent and recently decorated flat will be available on the premises. Good commencing salary with prospects of advancement in return for conscientious service. All replies treated in strict confidence. Box A/87.

SUFFOLK MARKET TOWN. Qualified lady assistant required; permanency; good salary. Apply Box 6/156.

SUPERINTENDENT PHARMACIST. Sheffield and Ecclesall Co-operative Society, invites applications for the above vacant position from fully qualified and experienced pharmacists with thorough knowledge of buying and shop and stock control. Central emporium, 5 branches, warehouse and drug manufacturing depôt. Superannuation scheme in operation. Write, stating age, experience, and salary required, to Secretary, The Arcade, Ecclesall Rd., Sheffield, 11, endorsing envelope "Pharmacist."

SUPERINTENDENT PHARMACIST required by high-class dispensing business. Good salary and accommodation offered to right man seeking permanent position. T.S.A. licence held. Young man preferred. Reply in confidence, giving full particulars, to Miller & Co., 42 Mount Ephraim, Tunbridge Wells, Kent.

UNQUALIFIED LADY, 18-35, required for counter and sales work. Knowledge of dispensing an asset but not essential. Excellent prospects, good salary and bonus. Apply H. Prothero, 292 Holloway Rd., N.7.

WANTED. Qualified manager for important branch. Good living accommodation. Salary, £10 weekly. Apply G. W. Hales, 1 Tacket St., Ipswich.

WANTED: Dispenser, male or female, qualified or unqualified, with some dispensing experience. good wages. Apply Box 6/149.

LOCUMS WANTED

BIRMINGHAM. Qualified required for two weeks from May 30. C. L. Highfield, Ltd., Bearwood Rd., Smethwick.

LOCUM M.P.S., lady or gentleman, from August 2-6. Wilsons (Stowmarket), Ltd., Stowmarket, Suffolk.

LOCUM M.P.S., either sex, required for three weeks from July 10. Elderly pharmacist acceptable if willing to do full duties. F. P. Chemists, Ltd., 110 Seven Sisters Rd., Holloway, N.7.

NEWCASTLE-UPON-TYNE Co-operativ Ltd., require pharmacists (male or locums. Long and short term periods or late duties. Dispensing only. Ad efficient supporting staff. Saturday half- state dates available and terms requi Superintendent Chemist, Newcastle C Society, Ltd., 117 Newgate St., New Tyne, 1.

PHARMACIST required as locum, 16th M June, 27th June to 17th September. week. Applications to Oldham Co-opera ists, Ltd., King St., Oldham.

PORTSEA Island Co-operative Chemist, quire qualified Locum Pharmacist to t of a branch from April 19th. Applicati age, and salary required to Executive C Fratton Road, Portsmouth. Endorse "Pharmacist." Telephone No. 74471.

QUALIFIED LOCUM required for week ing July 25. Mainly dispensing. Cong Please state fee. A. G. Garrett, 198 Lan Enfield.

REQUIRED for the London area, long-term period, male or female pharmacists Excellent salary, commission and expens cation in first instance to Superintenden London Co-operative Chemists, Ltd., Gr Leyton, E.10. Telephone No. Leytonsto

RETAIL (OVERSEAS)

EAST AFRICA. Company with head Nairobi and branches throughout East A vacancies for qualified male pharmacist ably single) for tours of four years. Co salary £630 basic, plus current £120 co allowance Increments of £30 p.a. for and £50 p.a. for 2nd tour. Two week local leave and three clear months' hom end of tour. Passage paid both ways. renewable at end of tour. Apply Box A/

QUALIFIED MANAGERS required by Engl wholesale and retail chemists for branches West African Colonies. The positions are with progressive salary and generous co pension scheme, retiring age 55 years. of twenty months with four months' United Kingdom on full pay. Low inc Free furnished living accommodation an attention is provided; also first-class sea and outfit allowance. Apply, giving part age, qualifications and experience; a whether married or single, to Box 6/170

TWO QUALIFIED CHEMISTS, single, unde of age, required for Northern Rhodesia dates will be interviewed in London by of Advertising Company. Apply in w Messrs. Keep Brothers, Ltd., 62 Finsbury London, E.C.2.

WHOLESALE

A LEADING FIRM of pharmaceutical man require a medical representative for covering S.E. London area. Qualified p under 36 years of age preferred. Pre presentative and/or hospital experience The position is permanent and carries a ary plus commission and business expens is a contributory superannuation fund. tions should give full details of previou ence and a photograph (returnable) s attached if available. Write S.E.L., Box

A CAPABLE and experienced sales man quired for an expanding ethical pharm firm in London. Applicants must have and be able to handle and control a staff cal representatives. Applications, in confi Box G.A. 839, 4-7 Salisbury Court, F E.C.4.

uations Open—Continued

ITATIVE is required for S.E. and S.W. he manufacturers of a range of famous ods selling to the wholesale and retail appointment carries a good salary and e. A car is provided and all expenses pplicants must be experienced in selling and be prepared to live on the terri- hould not be over 40 years of age. g age, experience, etc., to Box A/89.

OPPORTUNITY presents itself at this representative to cover the area of th of the River and the South Coast of surgical instrument manufacturers eir own branded products to call on stitutions and wholesalers. Previous ex- ot necessary but applicant shall be able doctors, pharmacists, pathologists, etc., thusiasm and an abundance of common y £500 per annum plus expenses and Box A/99.

NT for manufacturing chemists, N.W. uired to assist managing director. Some xperience an advantage. State full par- , experience and salary required. Box

ANBURYS, LTD., require the services acist, male or female, in their West ory. Canteen facilities. Apply, Man- & Hanburys, Ltd., 7 Vere St., W.1.

qualified and unqualified, required for ratory of pharmaceutical manufacturers. ek. Pension scheme. Adequate salary t of good career. Please give full in- egarding education and experience in nd state when available for interview. should be addressed to the Personnel li Lilly & Company, Ltd., Basingstoke.

CHEMIST required by old-established cal house, London (N.W. area). 5-day ufacturing experience essential, together t in analytical work. Apply in writing, tial details age, salary, etc., to Box

DUCTS, LTD., have a vacancy in their y, Surrey, analytical laboratory for an alyst (male or female). Applicants had previous laboratory experience. rding to qualifications and experience. ek. Apply to Works Manager, Bayer td., 15 Central Avenue, West Molesey,

AND PHARMACEUTICALS, ETC., ex- rienced gentleman wanted to manage hed department. Salary, commission, . Box 6/158.

EQUIRED. Male or female. For analy- l of raw materials and manufactured cals. E. Herts area. 5-day week. Ap- uld give age, salary required, previous nd if possible photograph. Box A/107.

or the factory of large firm manufactur- ical preparations, accustomed to con- sponsibility. Please state particulars of and qualifications, age, salary, etc. area. Reply to Works Chemist, Box

COUNTANT required for manufacturing N.W.1 district. Must be able to pre- accounts. Excellent prospects for keen man able to undertake increasing res- Please send full particulars of experi- and salary required, to Box A/8.

REPRESENTATIVES wanted by London ers of quality perfumes and cosmetics. st-class men well introduced with chem- ecessarily carrying anything similar at enerous commission terms. Applications ated with confidence. Box 6/140.

CIBA LABORATORIES, LTD., Horsham, Sussex, require a man, not necessarily qualified, with experience of large-scale filling, labelling and packaging of pharmaceutical specialities by modern mechanical methods, including the use of belt conveyors. Applicant should be a good disciplinarian with experience of controlling female labour. The position is permanent and a contributory pension scheme is in operation. Apply with full particulars of education and experience, giving an indication of salary required, to Production Manager, Ciba Laboratories, Ltd., Horsham, Sussex.

CONTROL CHEMIST required by prominent Edinburgh pharmaceutical firm. Senior pharmaceutical qualification preferred with diploma or practical experience in bacteriology essential. Must be capable of controlling staff and accepting responsibility. Age preferably not over 45. A salary commensurate with experience and qualifications will be paid, but will not be less than £500 per annum. Reply with full particulars of education, experience, etc., Box 6/171.

DEPARTMENTAL MANAGER with sound knowledge of the botanical drug trade, required by well-known merchants. Apply, with summary of experience, stating age and remuneration required. Box 6/155.

DISPATCH CLERK, one used to checking and packing, required by City wholesale house. Write, giving details of experience and age, to Box A/82.

EXPERIENCED REPRESENTATIVE required for sale of veterinary requirements to veterinary profession only in area Kent, Hampshire and Surrey, with adjoining counties. Knowledge of veterinary products essential. Apply Box 6/119.

EXPERIENCED REPRESENTATIVES required for London and Provinces. Extensive connection with stores and chemists' shops for well-established toilet preparations. Salary and commission. Apply Morgan & Co., 19 St. Martin's St., W.C.2. Telephone Whi 8396.

EXPERIENCED REPRESENTATIVES required by well-known chemists' proprietaries company for the following territories: North-east, East Midlands, Southern Counties, Lancashire. Men over 40 years of age preferred. Applications in first instance to Box W. 604, Haddons, Salisbury Square, London, E.C.4.

EVANS MEDICAL SUPPLIES, LTD., require a medical representative residing or willing to reside on or near Tyneside or Tees-side to call on hospitals and doctors in those areas and in N.E. Yorks. Age 25 to 35 years. Knowledge of modern therapeutics and of this type of work an advantage, but young pharmacists having a flair for sales and propaganda are invited to apply and if suitable would be accepted for training. Car provided. Full details of experience, qualifications and age to Evans Medical Supplies, Ltd., Home Medical Department, Speke, Liverpool, 19.

FEMALE ASSISTANTS for telephone order department. Experience of retail pharmacy essential. Apply with full particulars in the first instance to Works Manager. Hirst Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7.

HIRST BROOKE & HIRST, LTD., Sheepscar Works, Leeds, 7, have a vacancy for experienced senior assistant for patents department, capable of taking charge. Permanent position with prospects. 5-day week.

MANUFACTURING CHEMISTS of the highest standing have vacancy on representative staff. Must be resident on the territory, which comprises Leicestershire, Nottingham, Derby and Lincoln. Pharmaceutical qualifications not essential but applicants must have wide experience of retail pharmacy. Age perferably under 35 and car driver. The position is interesting and progressive. Please give fullest particulars in strict confidence to Box A/97.

Situations Open—Continued

MANUFACTURERS of short selected range of high-class proprietaries well known for their superb presentation, require 3 keen and experienced salesmen to develop following territories: 1, London, North of Thames; 2, S.E. London, Kent and Sussex; 3, West Country (S. Wales). Applicants must be men of the highest integrity with established connections and above average selling ability. The positions offer unlimited opportunities with security. Salary, expenses and generous commission. Sole agencies considered. Write fully, including experience, age, if car owner, etc. Mark applications confidential. Box 6/157.

MANUFACTURING CHEMISTS in North-West London require an unqualified assistant for simple analytical control work. Previous analytical experience not essential. 5-day week. Good conditions. Write, stating age, education and salary required. Reply Box 6/141.

MEDICAL REPRESENTATIVE required for London by old-established London manufacturing chemists, to call on doctors, dentists, hospitals and the retail and wholesale trade. Applications invited from men 25 to 35 years of age, qualified or unqualified. Previous outdoor experience not essential, but knowledge of London an advantage. State age, experience and salary required, and submit recent photo, which will be returned. Box A/102.

MEN'S HIGH-CLASS TOILET preparation. Representatives required, London and Home Counties territories, already calling retail chemists and hairdressers. Presentation and price shows excellent prospects for progressive sales. Commission basis only to commence. Box 6/138.

OLD-ESTABLISHED LONDON DRUG HOUSE has vacancies for two young and energetic representatives: (a) East Coast (Mid-Essex to The Wash). Car provided. (b) West End of London and limited portion of N.W. London. Salary, commission and expenses. Must have personal connection with chemists. Write full particulars, in confidence, to Box A/67.

PACKING DEPARTMENT CHARGEHAND. Old-established manufacturing house, N.W. London, require the services of an experienced person (male or female) to take charge of packing department. Organising ability and drive essential. Write, giving age, details of experience and salary required. Box A/94.

PHARMACISTS required for the manufacturing department of a well-known pharmaceutical house. Previous manufacturing experience desirable. Reply, giving full details of age, experience, salary required, to Works Manager, Box No. 3918, T. G. Scott & Son, Ltd., Talbot House, 9 Arundel St., Strand, W.C.2.

PILL AND TABLET COATER, experienced in all grades of work is required by manufacturing chemists, London area, working 5-day week. Excellent opportunity for suitable applicant. Write, giving age, experience and salary required to Box A/96.

PROPAGANDA. An old-established London drug and pharmaceutical house of repute requires a lady or gentleman with good knowledge of the trade, initiative and flair for publicity to organise and control propaganda department. Apply with full particulars, in confidence, to Box A/83.

REPRESENTATIVE required by well-known manufacturers of ethical products to call on hospitals, doctors, chemists in Kent, Sussex, Hampshire. Pharmaceutical qualification preferable but not essential. Write fully, Box A/85.

REPRESENTATIVE required calling on doctors and chemists in Essex and Sussex and doctors, hospitals and veterinary surgeons in North and North West London, Middlesex, Hetfordshire, Buckinghamshire and Essex, for wholesale manufacturing house. Reply giving full details, experience, etc., to Box A/7.

A live Representative requi
North East England and East
Counties by well known Ph
eutical manufacturers mar
nationally advertised pro
Applicant must have a goo
nection with chemists and Co
ative Stores and produce ev
of good selling record over t
ten years. Payment by sala
commission, generous Tra
Expenses. Only first-class ma
own car should apply to Box

QUALIFIED CHEMIST required by old-
South Midlands firm of manufacturing a
sale chemists. Duties include checking
cals, responsibility for dangerous drugs a
works supervision. The post offers sco
ambitious, energetic and enterprising man
not afraid of accepting responsibility.
writing, giving full particulars of exper
career, stating salary required. Box 6/1

REPRESENTATIVES on commission basis w
England, Scotland, and N. Ireland, for a
packed range of pharmaceutical product
to chemists, grocers, stores and wholesale
petitive prices, liberal commission, stead
to first-class salesmen with connection on
No objection to other non-competitive lin
stating territory, etc., to Box 6/150.

REPRESENTATIVES required by distrib
toilet preparation; also general wholesale
known proprietaries. Territory: London a
Counties, S.E. England, Eastern Counties
commission and expenses. Details of e
to Box 6/88.

REPRESENTATIVES required on commissi
all areas. Nationally advertised toilet pr
stocked by high-class chemists, etc., at
exempt from Purchase Tax. Double co
and trade discount to retailers. Write:
Layton, 66 New Bond Street, London,

REPRESENTATIVES (2), car owners, req
old-established perfumers; one for North
and one for Home Counties. Should b
to stores and chemist buyers. Salary £
bonus, car allowance and expenses. Apply
age, experience, etc., to Box 6/90.

REPRESENTATIVES required, on generous
sion basis, to sell well-known, nationally a
products to chemists for a large and well-es
firm of manufacturing chemists. Vacancies
areas in Great Britain. Box A/101.

ations Open—Continued

IVES required all parts British Isles, n area, for ethical preparations and ries. Liberal commission, salary can Give full details to Box 6/172.

NAGER required in London by an firm of Manufacturing Chemists. tment offers exceptional prospects ant experienced in up-to-date selling l who is able to control representa- energy and ability. The post is and progressive, and a good salary to the right man. Please apply in fidence giving full details of past nd age, etc., to Box A/6.

LESALE DRUGGISTS in Midlands will e young pharmacist for manufactur- A. supervision. Good opportunity for industry, particularly if interested ew formulæ, etc. Wide scope. Write ters, Ltd., Aldwych House, London,

ER. An old-established manufacturing area) have an opening for a compe- roughly experienced in all phases of tion. Write, stating age, salary re- er with outline of career, to Box

Y EXPERIENCED SALESMAN with g ability required for territory N. l Area to Wash, to sell 6 established y advertised lines (no cosmetics) to stores. Only top grade men with at rs' record who are seeking wider ed to apply. Candidates must have nnection and be accustomed to repre- tised products of repute. Permanent ogressive future (well in excess of to right man. Salary, comm. and e perferably not over 45 nor under an immediate advantage. Applica- details to Box A/106.

D ASSISTANTS required for work in department of a well-known pharma- in North-West London. Reply giving , experience, and salary required, to G. Scott & Son, Ltd., Talbot House, , Strand, W.C.2.

r London representatives to sell sun- and toiletries, and to open new, or ng, proprietary accounts. Applicants than 40 years of age, resident in Lon- st have experience of wholesale sell- ists. Experience of sundries essential, olesale or retail. Salary, commission basis. Write fully, in confidence, to: rector, Messrs. Barclay & Sons, Ltd., e, 95 Farringdon St., London, E.C.4. 4060.

ON HOSPITAL, Hammersmith, W.6. production side of pharmaceutical Male assistant with some experience drugs and chemicals. Salary not ex- veekly to commence. Apply to Chief

EK RETAINER, plus commission, to vellers selling sensational "Instant apsules. Superseding home perm. Hea- d. Wonderful opportunity. Glama of Dover St., London, W.1.

YOUNG PHARMACIST required for technical information service. Duties will include abstracting of medical and pharmaceutical literature and record-keeping. Candidates should be registered pharmacists with good educational background; newly-qualified applicants quite acceptable though experience in large hospital dispensary would be an advantage. The appointment is permanent and carries good prospects of advancement. Initial salary according to qualifications and experience. Apply, quoting reference No. 2775, to the Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

WHOLESALE (OVERSEAS)

CHEMIST with pharmaceutical qualification wanted to supervise the manufacture of proprietary products in India. Factory is situated near Bombay. Full details as regards to salary, leave, etc., on application. Write, giving details of age, qualifications and experience, to Box A/90.

INDIA AND FAR EAST. May & Baker, Ltd., Dagenham, Essex, invite applications from pharmacists for positions as junior sales managers in their offices overseas. Candidates must be single men, age not over 28 years, and should have had a good education, with previous selling or sales office experience. Please apply initially in writing giving full details of education and experience. Reference No. 2826 must be quoted on all applications which should be addressed to the Personnel Officer.

SOUTH AFRICA. Analytical chemist, with considerable experience in the control of pharmaceutical and chemical products, required by a prominent company of pharmaceutical manufacturers. Applicants should possess a B.Pharm. or Ph.C. and preferably a chemical qualification. Applications, stating full details of experience, age, marital state, and with copies of recent testimonials, should be addressed in the first instance to Messrs. Campbell Bros., Carter & Co., Ltd., "L" Dept., Stafford House, 14/20, King William Street, London, E.C.4.

SITUATIONS WANTED

18 words 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

UNQUALIFIED seeks position, locum or permanent, London, West End, City, Surrey or Sussex. 25 years' West End experience. Counter preferred. Box 6/125.

LOCUMS SEEKING ENGAGEMENTS

RECENTLY QUALIFIED (30), available for locums. Please state terms offered. Box 6/132.

WHOLESALE

FOREMAN tablet maker requires situation. 35 years' first-class all-round experience tablet making, sugar coating and all appertaining to manufacture, single and rotary machines, full control and modern ideas. Box 6/147.

INITIATIVE, RELIABILITY, unrivalled connection all wholesale and retail chemists, stores and Co-ops., London, Middlesex, Bucks. Own car. Excellent references. Advertiser with these qualifications wishes to contact first-class proprietary house or wholesaler. Box 6/127.

REPRESENTATIVE seeks position with well-established firm. Now representing two houses, Greater London. Salary, commission, expenses. Box 6/126.
REPRESENTATIVE, 12 years' experience medical propaganda, energetic personality, University education, seeks position with first-class pharmaceutical firm. Box 6/135.
REPRESENTATIVE seeks position with reputable firm resident in London. Car owner. Salary and commission. Full details to Box 6/166.
SALES MANAGER requires position with progressive company. Advertiser is a keen business executive with a first-class sales record and well-known to leading buyers. Box 6/160.
SALES AND FACTORY EXECUTIVE, age 40, 23 years' extensive all-round experience in factory and sales management, retail, wholesale and manufacturing, used to competently handling large inside and outside staff and to sales and factory organisation generally, including designing, production and marketing of new lines, seeks good executive position with reliable firm. Box 6/107.
SOAPS AND POLISH TECHNOLOGIST. Advertiser, aged 36, with expert knowledge of the manufacture of soaps and substitutes, polishes and all household requisites, together with factory administration in all its phases, desires to contact company executive where this experience would be useful. All replies answered and treated in strict confidence. Box 6/79.
YORKSHIRE REPRESENTATIVE, well-known high-grade salesman, 20 years' experience, extensive connection, substantial turnover, toilets, proprietaries, bulk, etc., desires change, supervisory position with directorship prospects valued. Box 6/84.

AGENCIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

AGENTS with good connections amongst chemists wanted in London, West of England, Wales, Midlands, Eastern Counties, Yorkshire, to develop sales of two non-competing C.F. products on generous commission, or part expenses and commission basis. State area covered and other lines carried. Box 6/161.
ESTABLISHED COMMISSION AGENTS requiretd throughout England, Scotland and Wales to offer wholesalers and large retailers new product of superior quality and great natural health-giving properties. Smart uniform pack, backed by doctors. Free samples, showcards and leaflets. Box 6/164.
OLD-ESTABLISHED CHEMICAL firm sending representative Australia and New Zealand, autumn, desire contact makers of pharmaceuticals, chemists' sundries, dyes, insecticides, fungicides, etc. View sales these markets. Other goods also considered. Box 6/165.

AGENCIES WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

AGENCIES REQUIRED for London South and South-East England. Car owner. Full details to Box 6/167.
ADVERTISER offers keen and expert representation to manufacturers of reputable chemists' lines on established connection Sussex, Surrey, Berks. Hants. Details, in strictest confidence, to Box 6/109.
NEW ZEALAND AGENT and factory representative at present visiting the United Kingdom would be interested in first-class business proposition. Highly qualified to market any product used by the medical and pharmaceutical profession. Unrivalled personal contact with doctors, pharmacists, hospitals, public health authorities, government departments, laboratories, manufacturing and wholesale chemists, etc. Box 6/143.

BUSINESS OPPORTUNITIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

CAPITAL REQUIRED for development small manufacturing business, making three first-class medicinal branded products, partly established on Home and Export markets. Pharmacist proprietor, experienced in sales promotion would consider merging with another firm. Box 6/159.
MANUFACTURERS of nationally advertised proprietary wishing to consolidate and expand existing distribution to chemists, stores, etc., invite correspondence from Directors of similar firms ready to consider joint selling in the home market. Box 6/153.
MANUFACTURING CHEMISTS have factories and space available for the manufacture and packing of domestic, industrial or toilet products, bottle, powder and tube filling. Frank Macc Ltd., 30 Loughborough St., S.E.11. Reliance 35.
MODERN CHEMICAL LABORATORIES with qualified staff invite sub-contracts for pharmaceutical and chemical preparations. Near Stat. Box 6/129.
REGIONAL WHOLESALERS (C.F.) with good connections amongst chemists wanted in all parts of the country to act as selling and distributing agents for two first-class products already sold to hundreds of chemists. Wholesalers' discounts as selling commission. State area covered by sellers. Box 6/162.
YOUR PRIVATE FORMULA, whatever nature, manufactured, packed and (if required) attached direct to your customers, by a firm of repute with the highest credentials. Strict expert supervision and absolute secrecy guaranteed. Box 53.

FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

FOR SALE. One rotary tablet machine, 16 stations belt driven, fitted with set of punches dies 1½ in. x $1\frac{1}{16}$ in. By Franz Kilian. May be seen The Scholl Mfg. Co., Ltd., 182-204 St. London, E.C.1.
FOR SALE: Technical White Oil, 4 x gallon drums, £20 the lot or offer. 98 West Shelfield.
FOR SALE, 2 x 45 gallons technical oil. offer accepted. Apply Box 6/136.
STEARIC ACID FLAKE, 10 cwt. triple pressed white, at 1/6 per lb., delivered. Apply 4.
THYMOL CRYSTALS B.P. 56-lb. available to requirements. Write Box 6/152.

WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

FIRM OF MANUFACTURING CHEMISTS, connection London area, wish to buy job toilet lines applying Box 6/137.
MANUFACTURER desires supplies of glycerine to augment allocation. Offers to Box A/2.
NEST OF DRUG DRAWERS, 6 ft. length Box. also counter with drawers back and glass fronted, both in good condition. Carriage paid. Price and details to Locks Chemists, Ltd Fordingbridge, Hants.
REQUIRED FOR EXPORT Caustic soda, soda and flake, soda ash light, oxalic acid, sodium hyposulphite, barium chloride and bichromates. Also for home consumption. Quotations requested for quantities. Box 6/130.
SURPLUS CHEMICAL STOCKS required. Box A/1.

ANDA

THE NEW ROLLFILM

quotas of PANDA ROLLFILMS are now e to Chemists and Photographic Dealers izes 20-62-27 available.
NDA is a **new film** asked for by the Public e. Brilliantly packed. Free advertising.
Full literature sent upon request.

ORDERS ACCEPTED NOW FOR DELIVERY LATE SPRING

NDA Rollfilm is supplied by your Wholesaler ct from **PANDA Film CO.** (Wholesale) Laings Corner, Mitcham *Tel:* MITcham 0826

Wanted—Continued

, substantial quantities of 1 oz. flat medi- s, screw neck. Submit samples and prices. e.

ALE Chemists' Sundries Distributing House calamine lotion 2, 4, 6 and 8-oz., attrac- cked, substantial quantities. Prices must be representatives to offer retail chemists titive prices. Box A/104.

MISCELLANEOUS SALES

17/6 (minimum) then 4d. per word. Box 2/-

. For sale, wide mouth 20-oz. white stoppered bottles, 12/- per doz., also 2-oz. round white dispensing bottles, 18/-. Chemicals: Large quantities, bottles by n manufacturers at 25 per cent. under rice, seals intact, most bottles 1947, rea- arge orders required. Full details on appli- H. A. Gregory & Co., Ltd., 22 Great d., London, N.6.

URPLUS STOCK to be sold in bulk on re- rices. Transactions over £1,000 only dis- Write, Box 6/144.

DE! A Country Chemist writes:—"I obtain my saccharin tablets from my best during the war." That is the sort of at makes business a pleasure, and so to r appreciation we 'phoned him our re- ices: Saccharin tablets. Reduced prices: 100, 64/-; 5 gross, 100, 63/-; 10 gross, 100, gross, 100, 61/-. Cash with order. The Tablet Co., Ltd., Hove, Sussex.

CEUTICAL CHEMICALS. Government sur- plies in bulk and bottled quantities. List of vailable will be sent upon application to Johns & Co., 22 Stuart Cres., N.22.

SERS OF SURPLUS STOCKS are invited for whole or part of the following. 2 tons; Aspigran, 10 cwt.; Phenacetin, Ext: Glycyrrhiz:, Eucalyptol, 20 lbs.; yoph, 14 lbs.; Ol: Eucalypt, 17 lbs.; Ol: se, 130 lbs. Replies Box 6/154.

ROLL FILMS, 8 exposures to fit 116, 120, 127 sizes. Showcards and window bills . The best value and quality film on the Any quantity sent post free. Cash with 27, 21s.; 620 and 120, 24s.; 116, 29s., per Order your supply now. Williams, 83 Lon- Glasgow.

SACCHARIN TABLETS. Standard .02-550 in envelopes of 100 tablets in 1 gross boxes. 10 gross, 59/-; 5 gross, 60/-; 1 gross, 61/-. Postage paid. Cash with order. H. N. Wells, 184 Roding Lane South, Ilford, Essex.

STANDARD SACCHARIN TABLETS for sale in packets of 100 tablets, boxed in 1 gross lots; 1 to 15 gross at 58/- p. gross, from 15 to 30 gross at 57/- p. gross, from 30 to 60 gross at 56/6 p. gross, from 60 gross and over at 56/- p. gross. Postage paid on all orders from and above 5 gross. Pro forma basis or C.W.O. only. Sample sent on request. Box A/4.

TUBES, LEAD COLLAPSIBLE, ⅝" x 3" with torpedo nozzle, few hundred thousand surplus to requirements. Bargain. Also 35 lb. artificial amber, 2 cwt. each whitelac and Grade II shellac. Box A/100.

6 DRUMS White petroleum jelly B.P. 2 drums sweet almond oil B.P. 10 cwts. zinc oxide B.P. 100 lbs. Spanish rosemary oil. 100 lbs Chinese refined camphor powder. Reasonable bids considered. Reply Box 6/98.

300,000 METAL CAPS for sale. Best quality specification: R.O. seals; white; lined aggl.; cork with loose S.S. Blackol facings. Sizes, 31½ mm. and 38 mm. Highest offers given immediate attention. Write Box F.M.U., A/103.

PARTNERSHIPS

36 words 8/6 (minimum) then 3d. per word. Box 2/-

PARTNERSHIP in well-established business, Lancs coast. Energetic young man. Unfurnished flat available. Details on application. Box 6/131.

SALES BY AUCTION

2/6 per line (12 lines=1"). Box 2/-

By Order of the Joint Liquidators, G. G. Goldney, Esq., F.C.A., and J. T. Corbett, Esq., F.C.A. Re Ashley & Weeks, Ltd. (In Voluntary Liquidation).

165 & 241/3 MITCHAM ROAD,
TOOTING, S.W.17.

HENRY BUTCHER & CO.

are instructed to offer for SALE BY AUCTION IN LOTS on MONDAY, MAY 16, 1949, at ELEVEN a.m. the plant, machinery and stock including: "Watten" manufacturing, mixing and emulsifying units. "Pascall" motorised turbine sifters and mixers. "Gravfil" vacuum filling machines. "Purdy" world labeller. Periflow mill. Air compressors. "Masseeley" model 33 press and equipment. Bench sensitive drills. Electric motors AC/AD. "Victor Cub" 5.6 K.V.A. diesel alternator set. Glueing machines. 4 in. roller mill. "Gravfil" belt and metal slat conveyors. Benches. Tables. Chairs. Gas heaters. Electric fires. Electric time recorders. Trucks. Racks. Laboratory glassware, etc. Office furniture and equipment. Stock of drugs. Powders and patent medicines. Catalogues (when ready) may be obtained of: Messrs. A. C. Palmer & Co., Chartered Accountants, Norfolk House, 7 Laurence Pountney Hill, Cannon Street, E.C.4; of Messrs. Peat Marwick, Mitchell & Co., Chartered Accountants, 11 Ironmonger Lane, E.C.2; and of Messrs. Henry Butcher & Co., Auctioneers, Valuers & Surveyors of Factories, Plant & Equipment, 73 Chancery Lane, London, W.C.2. Telephone Holborn 8411 (8 lines).

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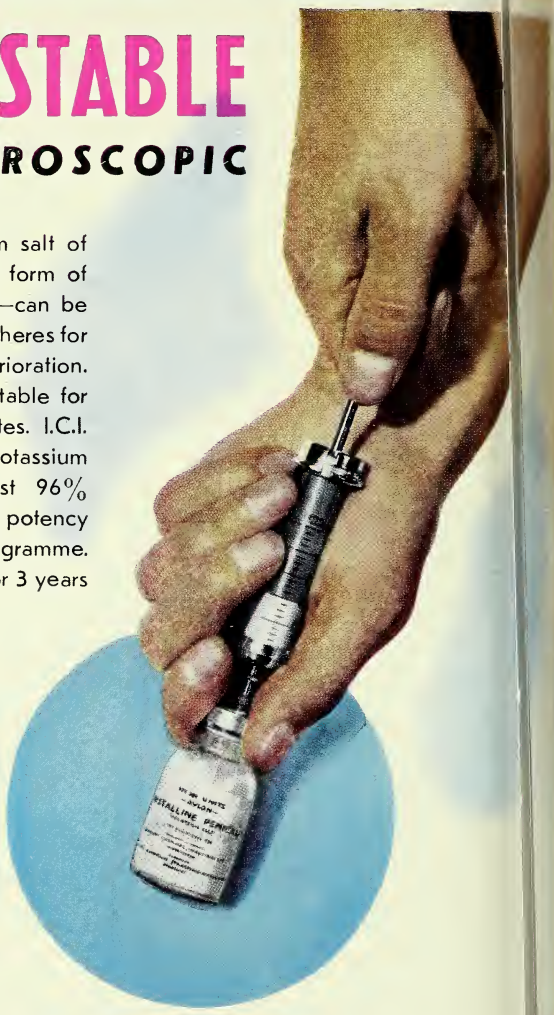

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